

## AMPHIPOD NEWSLETTER 26

March 2004.

## BIBLIOGRAPHY AMPHIPOD NEWSLETTER 26

As usual, I want to thank everybody who has assisted with references, reprints and other information; I am increasingly dependent on your help, as our library has to crimp and save more every year. Special thanks go to Egor Vinogradov for his assistance with Russian literature, to Shuqiang Li for sending Chinese papers, and to Franz Krapp for a regular supply of data from the internet. Cédric d'Udekem d'Acoz ably assisted with the dat-technical aspects. Please let me know, if you find omissions or mistakes. I am always most grateful for amphipod reprints (Wim Vader, Tromsø Museum, N-9037 Tromsø, Norway), in return, I regularly assist colleagues with copies of hard to get papers

Tromsø, March 2004

Wim Vader (wim@tmu.uit.no)

ADIN, R. & P. RIERA 2003. Preferential food source utilization among stranded macroalgae by *Talitrus saltator* (Amphipod, Talitridae). A stable isotopes study in the northern coast of Brittany, France. ---- *Estuarine, Coastal and Shelf Science* 56, 91-98.

AIKINS, S. & E. KIKUCHI 2003. Grazing pressure by amphipods on microalgae in Gamo Lagoon, Japan. ---- *Marine Ecology Progress Series* 245, 171-179.

ALJETJAWI, A. A. & K. LEONARDSSON 2003. Survival during adverse seasons reveals size-dependent competitive ability in a deposit-feeding amphipod, *Monoporeia affinis*. ---- *Oikos* 101, 164-170

ALVES, F., L. CHICHARO, A. NOGUEIRA & J. REGALA 2003. Changes in benthic community structure due to clam dredging on the Algarve coast and the importance of seasonal analysis. ---- *Journal of the Marine Biological Association UK* 83, 719-729. (Amph. on p. 723)

- ALONSO DE PINA, G. M. 2003. Two new species of *Metharpinia* Schellenberg (Amphipoda. Phoxocephalidae) from the south-west Atlantic. ---- *Journal of Natural History* 37, 2521-2545. (Deals with *Metharpinia dentiurosoma* n.sp. and *M. grandirama* n.sp. (both from Buenos Aires, El Rincon), with a discussion on the genera *Metharpinia* and *Microphoxus*.)
- ALONSO DE PINA, G. M. & R. GIUFFRA 2003. (Taxonomy, distribution and notes on four species of ectoparasites of Cetacea (Crustacea: Amphipoda: Cyamidae).) ---- *Revista del Museo Argentino de Ciencias Naturales*, N.S. 5, 39-62. (In Spanish. Deals with *Cyamus erraticus*, *C. gracilis*, *C. ovalis*, and *C. (Paracyamus) boopis*.)
- AMUNDSEN, P.A., R. KNUDSEN, A. M. KURIS & R. KRISTOFFERSEN 2003. Seasonal and ontogenetic dynamics in trophic transmission of parasites. -- -- *Oikos* 102, 285-293. (A cestode and a nematode with char as final host and *Gammarus* as intermediate host.)
- APPADOO, C. & A. A. MYERS 2003. Observations on the tube-building behaviour of the marine amphipod *Cymadusa filosa* Savigny (Crustacea: Ampithoidae). ---- *Journal of Natural History* 37, 2151-2164.
- ARCAS, J., F. BENITEZ & M. PARAMOS 2003. Diet and habitat use of Sanderling, *Calidris alba*, wintering in a southern European estuary. ---- *Alauda* 71, 69-77.
- AUEL, H. & I. WERNER 2003. Feeding, respiration and life history of the hyperiid amphipod *Themisto libellula* in the arctic marginal ice zone of the Greenland Sea. ---- *Journal of Experimental Marine Biology & Ecology* 296, 183-197.
- AUTIO, L., K. MAKELA, K. K. LEHTONEN, J. KUPARINEN & H. HAAHTI 2003. Effects of algal sedimentation and *Monoporeia affinis* on nutrient fluxes, pore water profiles and denitrification in sediment microcosms. ---- *Boreal Environment Research* 8, 229-243.
- AWAD, A. A., C. L. GRIFFITHS & J. K. TURPIE 2002. Distribution of South African marine benthic invertebrates applied to the selection of priority conservation areas. ---- *Diversity & Distributions* 8, 129-145.
- BAKALOWICZ, M., A. HACHACHE, S. KARKABI & C. JUBERTHIE 2001. Liban. ---- *Encyclopedia Biospeologica* 3, 1891-1900. (Amph. pp 1894-1895: 3 spp)

BALDINGER, A. 2004. A new species of *Hyaella* (Crustacea : Amphipoda: Hyaellidae) from Ash Springs, Lincoln county, Nevada, USA, with a key to the species of the genus in North America and the Caribbean region. ---- *Journal of Natural History* 38, 1087-1096. (*H. (H.) meraspinosa* n.sp.)

BARBEAU, M. A. & L. A. GRECIAN 2003. Occurrence of intersexuality in the amphipod *Corophium volutator* (Pallas) in the upper Bay of Fundy. ---- *Crustaceana* 76, 665-679.

BAUMGARTNER, D. J., A. D. JUNGBLUTH, U. KOCH & E. von ELERT 2002. Effect of infochemicals on microhabitat choice by the freshwater amphipod *Gammarus roeseli*. ---- *Archiv für Hydrobiologie* 155, 353-367.

BAUMGÄRTNER, D., U. KOCH & K. O. ROTHAUPT 2003. Alteration of kairomone-induced antipredator response of the freshwater amphipod *Gammarus roeseli* by sediment type. ---- *Journal of Chemical Ecology* 29, 1391-1401.

BAY, S. M., A. JIRIK & S. ASATO 2003. Interlaboratory variability of amphipod sediment toxicity tests in a cooperative regional monitoring system. -- *Environmental Monitoring and Assessment* 81, 257-268. (Tests with *Eohaustorius aestuarius*)

BEREZINA, N. A. & V. E. PANOV 2003. (Establishment of the Baikalian amphipod *Gmelinoides fasciatus* (Amphipoda, Crustacea) in Lake Onega.) ---- *Zoologicheskyy Zhurnal* 82, 731-734. (In Russian. Now extremely common here.)

BEREZINA, N.A. & V.E.PANOV 2004. Distribution, population structure and salinity tolerance of the invasive amphipod *Gmelinoides fasciatus* (Stebbing) in the Neva estuary (Gulf of Finland, Baltic Sea). ---- *Hydrobiologia* 514, 199-206

BERGE, J. 2003. The taxonomy of the amphipod genus *Stilipes* (Crustacea: Amphipoda: Stilipedidae) with description of one new species. ---- *Organismic Diversity & Evolution* 3, *Electronic Supplement* 16, 1-10. (Deals with *S. distinctus*, *S. lacteus*, *S. macquariensis* n.sp. (Macquarie island, Australia), and *S. sanguineus*. A key is provided.)

BERGE, J. 2004. The subfamily Andaniopsinae (Crustacea: Amphipoda: Stegocephalidae): Description of one new species and redescription of *Steleuthera maremboca*. ---- *Journal of Natural History* 38, 1385-1395. (*Andaniopsis isaki* n.sp from 32°N, 79°W.)

BERGE, J. & W. VADER 2003. Description of two new *Glorandaniotes* species (Amphipoda: Stegocephalidae). ---- *Journal of Crustacean Biology* 23, 633-643. (*G. vemae* n.sp. from 28°28' S, 44°22' E, 2270m; *G. norae* n.sp. from 11°12' S, 88°48' W, 4475m. The genus *Glorandaniotes* probably needs to be split up.)

BERGE, J. & W. VADER 2003. *Metandania tordi* n.sp. - a new stegocephalid (Crustacea: Peracarida: Amphipoda) species from the Southern Ocean. *Proceedings of the Biological Society of Washington* 116, 986-995. (From 55°S, 59°W, depth unknown; paratype from 4000m)

BERNARD, K. S. & P. W. FRONEMAN 2003. Mesozooplankton community structure and grazing impact in the Polar Frontal Zone of the south Indian Ocean during austral autumn 2002. ---- *Polar Biology* 26, 268-275.

BLAIS, J. M., F. WILHELM, K. A. KIDD, D. C. G. MUIR, D. B. DONALD & D. W. SCHINDLER 2003. Concentrations of organochlorine pesticides and polychlorinated biphenyls in amphipods (*Gammarus lacustris*) along an elevation gradient in mountain lakes of western Canada. ---- *Environmental Toxicity and Chemistry* 22, 2605-2613.

BLOCK, D. S., A. C. BEJARANO & G. T. CHANDLER 2003. Ecdysteroid concentrations through various life-stages of the meiobenthic harpacticoid copepod, *Amphiascus tenuiremis* and the benthic estuarine amphipod, *Leptocheirus plumulosus*. ---- *General and Comparative Endocrinology* 132, 151-160.

BOCHER, P., Y. CHEREL, F. ALONZO, S. RAZOULS, J. P. MAZAT, P. MAYZAUD & P. JOUVENTIN 2002. Importance of the large copepod *Pareuchaeta antarctica* (Giesbrecht, 1902) in coastal waters and the diet of seabirds at Kerguelen, Southern Ocean. ---- *Journal of Plankton Research* 24, 1317-1333. (*Themisto gaudichaudii* very important in diet of diving petrels and Rockhopper Penguins.)

BONSDORFF, E., A. O. LAINE, J. HÄNNINEN, I. VUORINEN & A. NORKKO 2003. Zoobenthos in the outer archipelago waters (N.Baltic Sea). The importance of local conditions for spatial distribution patterns. ---- *Boreal Environment Research* 8, 135-145.

BOSA, C. R. & S. MASUNARI 2002. (Peracarids associated with worm reefs of *Phragmatopoma caudata* (Krøyer) (Polychaeta, Sabellariidae) from Caioba beach, Matinhos, Parana.) ---- *Revista Brasileira de Zoologia* 19, 135-147. (In

Portuguese. The dominant amphipods were *Elasmopus pecteniscrus*, *Hyale media* and *Erichthonius brasiliensis*.)

BOSAK, P. & J. VASATHO 2001. Czech Republic. ---- *Encyclopedia Biospeologica* 3, 1405-1426. (Amph.: *Niphargellus arndti* & *Niphargus stygius polonicus*)

BOTOSANEANU, L. 2001. Cayman Islands; Turks and Caicos Islands; some Leewards and Windwards islands; Barbados; Trinidad and Tobago; the Venezuelan islands. ---- *Encyclopedia Biospeologica* 3, 1387-1396

BOTTORFF, R. L., A. BRAELYN & W. I. HAMILL 2003. Records of the exotic amphipod, *Crangonyx pseudogracilis*, in San Luis Obispo County, California. ---- *California Fish and Game* 89, 197-200.

BOUDRIAS, M. A. 2002. Are pleopods just ‘more legs’? The functional morphology of swimming limbs in *Eurythenes gryllus* (Amphipoda). ---- *Journal of Crustacean Biology* 22, 581-594.

BOUTIN, C., V. DECU, C. JUBERTHIE, M. MESSOULI & J.-P. BESSON. 2001. Maroc. ---- *Encyclopedia Biospeologica* 3, 1611-1634. (Amph. pp 1617-1619: 18 spp)

BRADSHAW, C., P. COLLINS & A. R. BRANDT 2003. To what extent does upright sessile epifauna affect benthic biodiversity and community composition? ---- *Marine Biology, Berlin* 143, 783-791. (To a large extent! “The tube-building amphipod *Erichthonius punctatus* was very abundant on hydroids in the Irish sea.”)

BRADY, L. & B. C. COWELL 2003. Colonization of fine particular matter by invertebrates in a Central Florida stream. ---- *Invertebrate Biology* 122, 83-92. (*Gammarus tigrinus* dominant)

BROOKS, S. J. & C. L. MILLS 2003. The effect of copper on osmoregulation in the freshwater amphipod *Gammarus pulex*. ---- *Comparative Biochemistry and Physiology* 135A, 527-537.

BROWN, K. & B. V. TIMMS 2003. The distribution of *Austrocrangonyx* new species (Crustacea: Amphipoda) on the eastern New England plateau, with reference to riparian clearing. ---- *Journal of Aquatic Stress and Recovery* 9, 249-258.

BUHL-MORTENSEN, L. & P. B. MORTENSEN 2004. Crustaceans associated with the deep-water gorgonian corals *Paragorgia arborea* (L., 1758) and *Primnoa resedaeformis* (Gunn., 1763). ---- *Journal of Natural History* 38, 1233-1248.

BURGESS, R. M., M. C. PELLETIER, K. T. HO, J. R. SERBST, S. A. RYBA, A. KUHN, M. M. PERRON, P. RACZELOWSKI & M. G. CANTWELL 2003. Removal of ammonia toxicity in marine sediment TIEs: a comparison of *Ulva lactuca*, zeolite and aeration methods. ---- *Marine Pollution Bulletin* 46, 607-618. (*Ampelisca abdita* as test animal)

BYREN, L., G. EJDUNG & R. ELMGREN 2002. Comparing rate and depth of feeding in benthic deposit-feeders: A test on two amphipods, *Monoporeia affinis* (Lindström) and *Pontoporeia femorata* Krøyer. ---- *Journal of Experimental Marine Biology & Ecology* 281, 109-121.

CARLTON, J. T. 2003. Community assembly and historical biogeography in the North Atlantic Ocean: The potential role of human-mediated dispersal vectors. - --- *Hydrobiologia* 503, 1-8.

CARTES, J. E., D. JAUME & T. MADURELL 2003. Local changes in the competition and community structure of suprabenthic peracarid crustaceans on the bathyal Mediterranean: influence of environmental factors. ---- *Marine Biology, Berlin* 143, 745-758. (Amph. listed on pp 748-749. Six species are new to the area: *Iphimedia obesa*, *Acidostoma sarsi*, *Lepidepecreum subclypeatum*, *Podoprion bolivari*, *Sophrrosyne hispana* and *Stegocephaloides christianiensis*.)

CHAPMAN, M. A. 2002. Australasian species of *Paracorophium*: the separate identities of *P. excavatum* (Thomson). ---- *Journal of the Royal Society of New Zealand* 32, 203-228. (Not seen)

CHAPMAN, M. A. 2003. A revision of the freshwater amphipod genus *Phreatogammarus* in New Zealand. Part 1: A redescription of *P. helmsii* Chilton, 1918 and a new species from Northland. ---- *Journal of the Royal Society of New Zealand* 33, 633-661. (Deals with *P. helmsii* and the new species *P. waipoua* n.sp, found in two forests in Northland, NZ.9

CHAPMAN, M.A., I. D.HOGG, K. E. SCHNABEL & M. I. STEVENS 2002. Synonymy of the New Zealand corophiid amphipod genus, *Chaetocorophium* Karaman, 1979, with *Paracorophium* Stebbing, 1899: morphological and genetic evidence. ---- *Journal of the Royal Society of New Zealand* 32, 229-241. (*P. lucasi* returns to *Paracorophium*; its redescription by Hurley contained a few errors, which misled Karaman.)

- CHEN, Z., V. DECU, C. JUBERTHIE & S. UENO 2001. Chine. ---- *Encyclopedia Biospeologica* 3, 1763-1781. (Amph. pp 1768-1769. 5 spp.)
- CHERKAOUI, E., A. BAYED & C. HILY 2003. Organisation spatiale des peuplements macrozoobenthiques subtidiaux d'un estuaire de la côte atlantique marocaine: l'estuaire de Bou Regreg. ---- *Cahiers de Biologie Marine* 44, 339-352.
- CHINTIROGLOU, C.-C., C. ANTONIADOU, A. BOXEVANIS, P. DAMIANIDIS, P. KARALIS & D. VAFIDIS 2004. Peracarida populations of hard substrate assemblages in ports of the NW Aegean Sea (eastern Mediterranean). ---- *Helgoland Marine Research* 58, 54-61. (Eighteen amphipod spp listed on p. 57.)
- CHINTIROGLOU, C.-C., P. DAMIANIDIS, C. ANTONIADOU, M. LANTZOUNI & D. VAFIDIS 2004. Macrofauna diversity of mussel bed assemblages in Thermaikos Gulf (northern Aegean Sea). ---- *Helgoland Marine Research* 58, 62-70.
- CHRISTIE, H., N. M. JØRGENSEN, K. M. NORDERHAUG & E. WAAGENIELSEN 2003. Species distribution and habitat exploitation of fauna associated with kelp (*Laminaria hyperborea*) along the Norwegian coast. ---- *Journal of the Marine Biological Association UK* 83, 687-699. (Amph. on pp 696-697)
- CLASON, B., S. DUQUESNE, M. LIESS, R. SCHULZ & G.-P. ZAUKE 2003. Bioaccumulation of trace metals in the Antarctic amphipod *Paramoera walkeri* (Stebbing, 1906): Comparison of two-compartment and hyperbolic toxicokinetic models. ---- *Aquatic Toxicology* 65, 117-140.
- CLASON, B., W. J. LANGSTON & G.-P. ZAUKE 2003. Bioaccumulation of trace metals in the amphipod *Chaetogammarus marinus* (Leach, 1815) from the Avon and Tamar estuaries (UK): Comparison of two-compartment and hyperbolic toxicokinetic models. ---- *Marine Environment Research* 57, 171-195.
- COELHO, H., F. D. COSTA, M. H. COSTA & M. M. COELHO 2003. Low genetic variability of the widespread amphipod *Gammarus locusta*, as evidenced by allozyme electrophoresis of southern European populations. ---- *Crustaceana* 75, 1335-1348.

- CORREIA, A. D., H. H. COSTA, O. J. LUIS & D. R. LIVINGSTONE 2003. Age-related changes in antioxidant enzyme activities, fatty acid composition and lipid peroxidation in whole body *Gammarus locusta* (Crustacea: Amphipoda). --- *Journal of Experimental Marine Biology and Ecology* 289, 83-101.
- COWLING, J. E., J. I. SPICER, K. J. GASTON & J. M. WEEKS 2003. Current status of an amphipod invader, *Arcitalitrus dorrieni* (Hunt, 1925) in Britain. ---- *Journal of Natural History* preview.
- COWLING, J. E., J. I. SPICER, J. M. WEEKS & K. J. GASTON 2003. Environmental tolerances of an invasive terrestrial amphipod, *Arcitalitrus dorrieni* (Hunt) in Britain. ---- *Comparative Biochemistry and Physiology* 136A, 735-747.
- CRAVEN, S.A., V. DECU & C. JUBERTHIE 2001. Afrique du Sud. ---- *Encyclopedia Biospeologica* 3, 1463-1476 (Amph. pp 1468-1469)
- CRISTESCU, M. E. A., P. D. N. HEBERT & T. M. ONCIU 2003. Phylogeography of Ponto-Caspian crustaceans: a benthic-planktonic comparison. ---- *Molecular Biology* 12, 985-996.
- CRUZ, S., S. GAMITO & J. C. MARQUES 2003. Spatial distribution of peracarids in the intertidal zone of the Ria Formosa (Portugal). ---- *Crustaceana* 76, 411-431. (Amph. on pp 416-417)
- CRUZ-RIVERA, E. & M. E. HAY 2003. Prey nutritional quality interacts with chemical defenses to affect consumer feeding and fitness. ---- *Ecological Monographs* 73, 483-506.
- DALPADADO, P. 2002. Inter-specific variations in distribution, abundance and possible life-cycle patterns of *Themisto* spp (Amphipoda) in the Barents Sea. ---- *Polar Biology* 25, 656-666.
- DAUBY, P., F. NIJSSEN & C. DE BROYER 2003. *Amphipoda as food sources for higher trophic levels in the Southern Ocean: a synthesis*. ---- Pp 129-134 in A. H. L. Huiskes, W. W. C. Gieskes, J. Rozema, R. M. L. Schorno, S. M. v.d. Vies & W. J. Wolff (eds). Antarctic biology in a global context. Backhuys, Leiden
- DE BROYER, C., P. DAUBY, F. NIJSSEN & P. MARTIN 2003. Biodiversity, molecular phylogeny and trophodynamics of amphipod crustaceans in Antarctic deep-sea. ---- Pp 81-86 in D. K. Fütterer, A. Brandt & G. C. B. Poore (eds). The



expeditions Antarktis-XIX/3-4 of the research vessel Polarstern in 2002.  
*Berichte zur Polar- und Meeresforschung* 470

DE BROYER, C., K. JAZDZEWSKI & P. DAUBY 2003. *Biodiversity patterns in the Southern Ocean: lessons from Crustacea*. ---- Pp 201-214 in A. H. L. Huiskes, W. W. C. Gieskes, J. Rozema, R. M. L. Schorno, S. M. v.d. Vies & W. J. Wolff (eds). *Antarctic biology in a global context*. Backhuys, Leiden.

DECU, V. & C. JUBERTHIE 2001. Erythrée. ---- *Encyclopedia Biospeologica* 3, 1529-1530. (*Psammogammarus longiramus*)

DECU, V., C. JUBERTHIE & P. CHAPMAN 2001. Malaise (Malaysia). ---- *Encyclopedia Biospeologica* 3, 1901-1931. (Amph. p. 1910: *Bogidiella sarawacensis*.)

DECU, V., C. JUBERTHIE, M. BAKALOWICZ & I. TABACARU 2001. Turquie. ---- *Encyclopedia Biospeologica* 3, 2007-2126. (Amph. p. 2011-2026: 8 spp)

DECU, V., C. JUBERTHIE, B. COLLIGNON & B. LEBRETON 2001. Algérie. ---- *Encyclopedia Biospeologica* 3, 1477-1496. (Amph. p. 1483: 4 spp)

DECU, V., C. JUBERTHIE & R. TERCAFS 2001. République démocratique de Congo (ex-Zaire). ---- *Encyclopedia Biospeologica* 3, 1669-1686. (*Trogloleleupia leleupi* on pp 1673-1674)

DEHARVENG, L. & A. BEDOS 2001. Thaïlande. ---- *Encyclopedia Biospeologica* 3, 1991-2006. (Amph. p. 1999: 2 spp)

DENISENKO, S. G., N. V. DENISENKO, K. K. LEHTONEN, A. B. ANDERSIN & A. O. LAINE 2003. Macrozoobenthos of the Pechora Sea (SE Barents Sea): Community structure and spatial distribution in relation to environmental conditions. ---- *Marine Ecology Progress Series* 298, 109-123.

DERMOTT, R., M. MUNAWAR, R. BONNELL, S. CAROU & H. NIBLOCK 2002. Why is the amphipod *Diporeia* disappearing from Lakes Erie and Ontario? ---- *Proceedings of the 45<sup>th</sup> Conference on Great Lakes Research*, 26-27. (The *Dreissena* invasion seems to be the main cause.)

DEVIN, S., C. PISCART, J. N. BEISEL & J. C. MORETEAU 2003. Ecological traits of the amphipod invader *Dikerogammarus villosus* on a mesohabitat scale. ---- *Archiv für Hydrobiologie* 158, 43-56

DEVIN, S., C. PISCART, J.-N. BEISEL & J.C.MORETEAU 2004. Life history traits of the invader *Dikerogammarus villosus* (Crustacea, Amphipoda) in the Moselle River, France. ---- *International Review of Hydrobiology* 89, 21-34.

DEZFULI, B. S., B. J. MAYNARD & T. A. WELLNITZ 2003. Activity levels and predator detection by amphipods infected with an acanthocephalan parasite, *Pomphorhynchus laevis*. ---- *Folia Parasitologica* 50, 129-134

DIAMOND, S. A., N. J. MILROY, V. R. MATTSON, L. J. HEINIS & D. R. MOUNT 2003. Photoactivated toxicity in amphipods collected from polycyclic aromatic hydrocarbon-contaminated sites. ---- *Environmental Toxicity and Chemistry* 22, 2752-2760.

DOVGAL, I. V. & I. A. GRIGOROVICH 2001. *Spirochona americana* sp.n. (Ciliophora, Chonotrichia)—a new North American freshwater chonotrich species from the amphipod *Gammarus lacustris*. ---- *Vestnik Zoologii* 35, 77-80 (From Pyramid lake, Alberta, Canada.)

DUMAS, P., C. BOU & J. GIBERT 2001. Groundwater macrocrustaceans as natural indicators of the Ariège alluvial aquifer. ---- *International Review of Hydrobiology* 86, 619-633.

EBERHARD, S. 2001. Tasmania (Australia). ---- *Encyclopedia Biospeologica* 3, 2093-2103. (Amph. p. 2097)

ELEXOVA, E. & D. NEMETHOVA 2003. The effect of abiotic environmental variables on the Danube macrozoobenthic communities. ---- *Limnologica* 33, 340-354 (A Slovak study. Amph. p. 345)

ENGLISCH, U., C. O. COLEMAN & J. W. WÄGELE 2003. First observations on the phylogeny of the families Gammaridae, Crangonyctidae, Melitidae, Niphargidae, Megalurotidae and Oedicerotidae (Amphipoda, Crustacea) using small subunit rDNA gene sequences. ---- *Journal of Natural History* 37, 2461-2486.

ERICKSON, J. M. & T. D. BOUCHARD 2003. Description and interpretation of *Sanctum laurentiensis*, new ichnogenus and ichnospecies, a domicilium mined into Late Ordovician (Cincinnatian) ramose bryozoan colonies. ---- *Journal of Paleontology* 77, 1002-1010. (Likely made by ‘multiple individuals of amphipod-like crustaceans that fed outside their domicile’.)

- FADIL, F. & M. DAKKI 2003. A new species of *Echinogammarus* Stebbing, 1899 (Crustacea, Amphipoda) from Moroccan freshwaters. ---- *Beaufortia* 53, 53-59. (*E. oujdae* n.sp from NE Morocco.)
- FELTEN, V. & F. GEROLD 2001. Hyperventilation and loss of hemolymph Na super (+) and Cl super (-) in the freshwater amphipod *Gammarus fossarum* exposed to acid stress: a preliminary study. ---- *Diseases of Aquatic Organisms* 45, 77-80.
- FIELDING, N. J., C. MacNEIL, J. T. A. DICK, R. W. ELWOOD, G. E. RIDDELL & A. M. DUNN 2003. Effects of the acanthocephalan parasite *Echinorhynchus truttae* on the feeding ecology of *Gammarus pulex* (Crustacea: Amphipoda). ---- *Journal of Zoology, London* 261, 321-325.
- FROGLIA, C., T. KRAPP & S. RUFFO 2003. Bathyal amphipods from Fossa di Pomo and adjacent trawling grounds (Adriatic Sea). ---- *Bollettino del Museo Civico di Storia Naturale di Verona* 27, 13-22. (38 spp , of which *Ampelisca jaffaensis*, *Leucothoe lilljeborgii*, *Metaphoxus gruneri*, *Perioculodes longimanus angustipes*, *Rhachotropis integricauda* and *Urothoe corsica* are new to the Adriatic Sea. The male of *Degocheirocratus spani* is described for the first time.)
- GALLEGO-MARTINEZ, S. & G. C. B. POORE 2003. A new species of ingolfiellid amphipod (crustacean. Amphipoda) from Western Australia. ---- *Records of the Western Australian Museum* 22, 75-80. (Not seen. *Ingolfiella quokka* n.sp.)
- GASCA, R. 2003. Hyperiid amphipods (Crustacea: Peracarida) in relation to a cold-core ring in the Gulf of Mexico. ---- *Hydrobiologia* 510, 115-124.
- GASCA, R. 2003. Hyperiid amphipods (Crustacea: Peracarida) and spring mesoscale features in the Gulf of Mexico. ---- *P.S.Z.N.: Marine Ecology* 24, 303-317. (79 spp of Hyperiidea)
- GASCA, R. & Ch-t. SHIH 2003. Hyperiid amphipods of Banco Chincorro. ---- *Bulletin of Marine Science* 73, 91-98.(28 spp listed on pp 95-96.)
- GATES, J. E., H. E. STODDART & J. K. LOWRY 2003. *Hyperiidea*. ---- Pp 298-369 in J. K. Lowry & H. E. Stoddart. Crustacea: Malacostraca: Peracarida: Amphipoda, Cumacea, Mysidacea. In: P.L. Beesley & W.W.K. Houston (eds). Zoological Catalogue of Australia 19.2B. CSIRO Publishing, Melbourne, 531 pp

GERDES, D., B. HILBIG & A. MONTIEL 2003. Impact of iceberg scouring on macrobenthic communities in the high-Antarctic Weddell Sea. ---- *Polar Biology* 26, 295-301.

GIBSON, R. N. 2003. Go with the flow: tidal migrations in marine animals. ---- *Hydrobiologia* 503, 153-161.

GOLDMAN, E. 2003. Puzzling over the origin of species in the depths of the oldest lakes. ---- *Science* 299, 654-655. (Not seen).

GONZALEZ, E. R. & L. WATLING 2002. A new species of *Hyaella* from the Andes in Peru (Crustacea: Amphipoda: Hyaellidae). ---- *Revista de Biología Tropical* 50, 649-658. (*H. pauperocovae* n.sp. from Huancayo; Peru, at 3500m a.s.l.)

GONZALEZ, E. R. & L. WATLING 2003. A new species of *Hyaella* from Brazil (Crustacea: Amphipoda: Hyaellidae), with redescription of three other species in the genus. ---- *Journal of Natural History* 37, 2045-2076. (Deals with *H. gracilicornis*, *H. longistila*, *H. warmingi* and *H. pseudoazteca* n.sp. (= *H. azteca* s.Pereira 1983) from Rio Grande do Sul, Brazil.)

GONZALEZ, E. R. & L. WATLING 2003. A new species of *Hyaella* from the Patagonian Chile, with redescription of *H. simplex* Schellenberg, 1943 (Crustacea: Amphipoda). ---- *Journal of Natural History* 37, 2077-2094. (Deals with *H. franciscae* n.sp. (Torres del Paine, S. Chile) and *H. simplex*.)

GONZALEZ, E. R. & L. WATLING 2003. A new species of *Hyaella* from Colombia, and the redescription of *H. meinerti* Stebbing, 1899 from Venezuela (Crustacea: Amphipoda). ---- *Journal of Natural History* 37, 2095-2111. (Deals with *H. meinerti* (of which *H. pteropus* is a junior synonym) and *H. quindioensis* n.sp. from Quindio, Colombia.)

GOVORUKHINA, E. B. 2003. (The time course of population structure of Baikalian coastal Amphipoda in the Angara river source area over the period 1999-2002.) ---- *Sibirskij Ekologicheskij Zhurnal* 10, 575-580. (In Russian)

GROGOROVICH, I. A., A. V. KORNIUSHIN, D. K. GRAY, I. C. DUGGAN, R. I. COLAUTTI & H. J. MacISAAC 2003. Lake Superior: an invasion coldspot? ---- *Hydrobiologia* 499, 191-210. (Amph. on p. 206. *Echinogammarus ischnus* is new to this lake.)

GRINTSOV, V. A. 2003. (New data on morphology, biology and ecology of the amphipod *Jassa* spp (Amphipoda, Ischyroceridae) from the Black Sea.) ---- *Vestnik Zoologii* 37, 73-76. (In Russian. Data from the Crimea.)

GUERAO, G. 2003. Some observations on the life history of the freshwater amphipod *Echinogammarus longisetosus* Pinkster, 1973 (Gammaridae) from Catalonia (Spain. N. Iberian Peninsula). ---- *Animal Biodiversity and Conservation* 26, 31-39

GUERRA-GARCIA, J. M. 2003. The caprellidean Amphipoda from the subantarctic islands of New Zealand and Australia, with the description of a new genus and two new species. ---- *Scientia Marina* 67, 177-194. (Deals with *Caprellina longicollis*, *Caprellinoides mayeri*, *Caprella equilibra*, *C. manneringi*, *Pseudoaeginella campbellensis* n.sp. (Campbell Island, NZ), and *Caprellaporema subantarctica* n. gen., n. sp. (Caprellidae, Antipodes Islands, NZ).)

GUERRA-GARCIA, J. M. 2003. Caprellids (Crustacea: Amphipoda) from Papua New Guinea, with the description of a new species. ---- *Helgoland Marine Research* 57, 100-109 (Deals with *Metaprotella novaehollandiae*, *Protogeton inflatus*, *Pseudoprotopapua* n.sp. (Manuouha Isl., near Madang, PNG), *Quadrisegmentum triangulum*, *Hemiaeginina minuta*, *Metaprotella sandalensis* and *Pseudoaeginella biscaynensis*. A key to all PNG species is provided.)

GUERRA-GARCIA, J.M., J. CORZO & J.C. GARCIA-GOMEZ 2003. Short-term benthic recolonization after dredging in the harbour of Ceuta, North Africa. ---- *P.S.Z.N.: Marine Ecology* 24, 217-229. (Amph. p. 222)

GUERRA-GARCIA, J. M. & J. C. GARCIA-GOMEZ 2003. A new species of *Caprella* (Amphipoda, Caprellidae) from deep waters. ---- *Crustaceana* 76, 581-590. (*C. sabineae* n.sp. from Sagami, Japan.)

GUERRA-GARCIA, J.M. & I. TAKEUCHI 2004. The Caprellidea (Crustacea: Amphipoda) from Tasmania. ---- *Journal of Natural History* 38, 967-1044. (Deals with *Caprellina longicollis*, *Dodecas tasmaniensis*, *Hircella inermis* n.sp. (Phtisicidae; Whaler's Cove, Tasmania), *Paraprotopapua tasmaniensis* n.sp. (Phtisicidae; Cape Barren island, Tasmania), *P. spinosa* (of which *P. tuberculata* is a synonym), *Caprella acanthogaster*, *C. acanthopoda*, *C. danilevskii*, *C. edgari* n.sp. (Caprellidae; Franklin Sound, Tasmania), *C. equilibra*, *C. penantis*, *C. scaura*, *Microprotella sandalensis*, *Noculacia* sp., *Orthoprotella gordonii*, *O. tasmaniensis*, *O. tuberculata* n.sp. (Caprellidae; Breaksea island, Tasmania), and

*Paracaprella alata* (of which *C. tasmanienensis* is a synonym). A key is provided.)

HAMILTON, D. J., M. A. BARBEAU & A. W. DIAMOND 2003. Shorebirds, mud snails, and *Corophium volutator* in the upper Bay of Fundy, Canada: Predicting bird activity on intertidal mud flats. ---- *Canadian Journal of Zoology* 81, 1358-1366.

HAMMOND, W. & C.L.GRIFFITHS 2004. Influence of wave exposure on South African mussel beds and their associated infaunal communities. ---- *Marine Biology, Berlin* 144, 547-552.

HARRIS, P. M., B. R. ROOSA & L. NORMENT 2002. Underground dispersal by amphipods (*Crangonyx pseudogracilis*) between temporary ponds. ---- *Journal of Freshwater Ecology* 17, 589-594.

HELDAL, H. E., L. FØYN & P. VARSKOG 2003. Bioaccumulation of super (137) Cs in pelagic food webs in the Norwegian and Barents Seas. ---- *Journal of Environmental Radioactivity* 65, 177-185. (Data on *Themisto* sp.)

HENDRYCKS, E. A. & K. E. CONLAN 2003. New and unusual abyssal gammaridean Amphipoda from the north-east Pacific. ---- *Journal of Natural History* 37, 2303-2368. (This beautiful paper deals with material from off California, chiefly Station M at 34°50'N, 123°00'W (4100m), as follows: *Cyphocaris latirama* n.sp., *Procyphocaris indurata*, *Anisocallisoma armigera* n.gen., n.sp. (Scopelocheiridae), (*Eucallisoma glandulosa*), *Paracallisoma spinipoda* n.sp., *Scopelocheiropsis abyssalis*, *Paralicella caperesca*, *Schisturella spinirama* n.sp., *S. r. robusta*, *Hyperiopsis* sp., *Halice aculeata*, *Macroarthrus victoriae* n.gen., n.sp. (Pardaliscidae), *Pardaliscopsis tenuipalpa*, *Octomana hadromischa* n.gen., n. sp. (Pardaliscidae), *Rhachotropis distincta*, *Cleonardo biscayensis*, *C. macrocephala*, *Triquetramana brevipalpa* n.gen., n. sp. (Eusiridae) and *Oedicerina denticulata* n.sp. —with key to *Oedicerina* spp.)

HIWATARI, T. 2003. Taxonomic studies on *Hyale* (Crustacea, Amphipoda, Hyalidae) from the coast of Japan and adjacent waters. ---- *Publications of the Seto Marine Biological Laboratory* 39, 229-262. (Deals with *Hyale bassargini*, *H. kajiharai* n.sp. (Hachijo island), *H. nuda* n.sp. (also Hachijo island), *H. triangulata* n.sp. (Kawaga prefecture), *H. misakiensis* n.sp. (Kanagawa pref.), *H. latimana* n.sp. (Kagoshima pref.), *H. affinis* and *H. honoluluensis*. A key to Japanese *Hyale* is presented.)

HO, K.T., A. KUHN, R.M. BURGESS, M. PELLETIER, D.G. McGOVERN, J. CHARLES & L. PATTON 2003. Use of marine toxicity identification and evaluation methods in determining causes of toxicity to fish in a marine aquarium facility. ---- *North American Journal of Aquaculture* 65, 14-20. (Test amphipod was *Ampelisca abdita*.)

HOFFMANN, J. 2003. Redescription of *Griffithsius latipes* (Griffiths, 1976) (Crustacea, Amphipoda, Phoxocephalidae) from the coast of Namibia. ---- *Organisms, Diversity & Evolution* 3, *Electronic Supplement* 18, 1-16.

HOLSINGER, J.R. 2004. *Crustacea: Amphipoda*. ---- Pp 258-259 in J. Gunn (ed.). *Encyclopedia of Caves and Karst Science*. Fitzroy Dearborn, NY & London.

HORTON, T. 2004. Revision of the amphipod genus *Valettiopsis* Holmes, 1908 (Crustacea: Lysianassoidea), with the addition of three new species. ---- *Journal of Natural History* 38, 1735-1756. (Deals with *V. dentata*, *V. lincolni* n.sp. (Bay of Biscay abyssal plain), *V. longidactyla* n.sp. (off Angolan coast), *V. macrodactyla*, *V. minuta* n.sp. (off South Carolina), *V. multidentata*, and *V. ruffoi*. A key is provided.)

HOSONO, T. & H. MUNEHARA 2001. (Caprellids (Crustacea, Amphipod, Caprellidea) from Usujiri, Pacific coast of southern Hokkaido.) ---- *Bulletin of Fisheries Sciences, Hokkaido University* 52, 11-37. (In Japanese. Nine *Caprella* spp, among which *C. carinata* and *C. cristibrachium* are new to Hokkaido.)

HOU, Zh-e & S. LI 2003. Terrestrial talitrid amphipods (Crustacea: Amphipoda) from China and Vietnam: Studies on the collection of IZCAS. ---- *Journal of Natural History* 37, 2441-2460. (Deals with *Talitroides topitotum*, *Platorchestia japonica*, *P. bousfieldi* n.sp. (a blind species of uncertain provenance), and *Floresorchestia hanoiensis* n.sp. (Hanoi, Vietnam).)

HOU, Zh-e & S. LI 2003. Two new freshwater gammarids (Crustacea. Amphipoda) from Lake Lugu, China. ---- *Revue Suisse de Zoologie* 110, 547-564. (*G. curvativus* n.sp. and *G. ninglangensis* n.sp.; both in the *pulex*-group)

HOU, Zh.-e. & S. LI 2003. *Gammarus electrus*, a new species of amphipod from Beijing, China (Crustacea, Amphipoda, Gammaridae). ---- *Acta Zootaxonomica Sinica* 28, 241-248.

HOU, Zh-e & S. LI 2003. A new species of blind Gammaridea from China (Crustacea, Amphipoda). ---- *Acta Zootaxonomica Sinica* 28, 448-454. (*Gammarus aoculus* n.sp. from Hainan province, a species in the *pulex*-group.)

- HOU, ZH.-e & S. LI 2003. *Gammarus glabratus*, a new cave amphipod from Guizhou, China (Amphipoda: Gammaridae). ---- *Crustaceana* 76, 433-442.
- HOU, Zh-e. & S. LI 2003. A new cave amphipod of the genus *Gammarus* from Yunnan, China. ---- *Crustaceana* 76, 917-925. (*G. platvoeti* n.sp. from Kunming City, Yunnan, China)
- HUANG, Z. & L. CHEN 2002. (Preliminary study on the biofoulings in two harbours of Taiwan Province of China.) ---- *Acta Oceanologica Sinica, Chinese Edition, Haiyang Xuebao* 24, 92-98. (In Chinese, not seen. Dominant amphipods were *Corophium insidiosum*, *Erichthonius brasiliensis* and *E. hooheno*.)
- HYNE, R.V., A. C. HOGAN, F. PABLO & A. C. ROACH 2002. Toxicity of selenothionine- and seleno-contaminated sediment to the amphipod *Corophium* sp.. ---- *Ecotoxicology and Environmental Safety* 52, 30-37.
- INGOLFSSON, A. & I. AGNARSSON 2003. Amphipods and isopods in the rocky intertidal: dispersal and movements during high tide. ---- *Marine Biology, Berlin* 143, 859-866.
- IRISH. J., E. MARAIS, C. JUBERTHIE & V. DECU 2001. Namibia. --- *Encyclopedia Biospeologica* 3, 1639-1650. (Amph. pp 1646-1647: 7 spp.)
- IRONSIDE, J. E., A. M. DUNN, D. ROLLINSON & J. E. SMITH 2003. Association with host mitochondrial haplotypes suggests that feminizing microsporidia lack horizontal transmission. ---- *Journal of Evolutionary Biology* 16, 1077-1083 (*Gammarus duebeni*)
- ITO, T. 2003. Indirect effect of salmon carcasses on growth of a freshwater amphipod, *Jesogammarus jezoensis* (Gammaridea): An experimental study. ---- *Ecological Research* 18, 81-89.
- JANSEN, T. & G. E. DINESEN 2003. Anamixidae (Amphipoda. Crustacea) from the Andaman Sea, north-eastern Indian ocean. ---- *Phuket Marine Biological Center Special Publication* 23, 265-271. (Deals with *Anamixis katehuensis*, *Paranamixis* sp A and B, and *Nepanamixis* sp A.)
- JASS, J. & B. KLAUSMEIER 2003. Utilization of lotic, lentic and temporary habitats by the amphipod *Crangonyx gracilis*. ---- *Journal of Freshwater Ecology* 18, 635-638.



JAZDZEWSKI, K. 2002. *Malacostraca Pancerzowce*. ---- Pp 141-143 in Z. Glowacinski (ed.). (Red list of threatened animals in Poland.). Polska Akademia Nauk, Instytut Ochrony Przyrody. Krakow. (In Polish. Twelve amphipod spp included)

JAZDZEWSKI, K. 2003. An invasive Ponto-Caspian amphipod—*Dikerogammarus haemobaphes* (Eichwald, 1841)—conquers Great Masurian lakes, north-eastern Poland. ---- *Fragmenta Faunistica, Warsaw* 46, 19-25.

JONES, D. S. & G. J. MORGAN 2002. *A field guide to crustaceans of Australian waters*. ---- 2d ed., W.Australian Museum, 224 pp. (Not seen)

JØRGENSEN, N. M. & H. CHRISTIE 2003. Diurnal, horizontal and vertical dispersal of kelp-associated fauna. ---- *Hydrobiologia* 503, 69-76.

JØSTENSEN, J. P., S. SPERSTAD, S. JOHANSEN & B. LANDFALD 2002. Molecular-phylogenetic, structural and biochemical features of a cold-adapted, marine ichthyosporean near the animal-fungal divergence, described from in-vitro cultures. ---- *European Journal of Protistology* 38, 93-104. (The new organism *Sphaeroforma arctica*, belonging to the Ichthyosporea, was isolated from the marine amphipod *Gammarus setosus*.)

JUBERTHIE, C. 2001. La Réunion. ---- *Encyclopedia Biospeologica* 3, 1567-1578. (Amph. p. 1574: 2 spp)

JUBERTHIE, C. & V. DECU 2001. Madagascar. ---- *Encyclopedia Biospeologica* 3, 1585-1600. (Amph. pp 1590-1591: 6 spp)

JUBERTHIE, C. & V. DECU 2001. Tanzania. ---- *Encyclopedia Biospeologica* 3, 1703-1712. (Amph. pp 1706-1707: 2 spp)

JUBERTHIE, C. & V. DECU 2001. Zambie. ---- *Encyclopedia Biospeologica* 3, 1729-1730. (*Trogloleleupia leleupi*).

JUBERTHIE, C. & V. DECU 2001. Afghanistan. ---- *Encyclopedia Biospeologica* 3, 1743-1751. (Amph. p. 1745: 2 spp)

JUBERTHIE, C. & V. DECU 2001. Irak. ---- *Encyclopedia Biospeologica* 3, 1825-1827. (*Niphargus nadarini*.)

JUBERTHIE, C. & V. DECU 2001. Philippines. ---- *Encyclopedia Biospeologica* 3, 1957-1970. (Amph. p. 1962: 5 spp)

- JUBERTHIE, C. & V. DECU 2001. Nouvelle-Calédonie. ---- *Encyclopedia Biospeologica* 3, 2121-21?? (Amph. pp 2127-2128: 4 spp.)
- JUBERTHIE, C., V. DECU, V. AELLEN & P. STRINATI 2001. Tunisie. ---- *Encyclopedia Biospeologica* 3, 1719-1728 (Amph. pp 1722-1723: 5 spp)
- JUBERTHIE, C., V. DECU, M. CAZALS & B. LEBRETON 2001. Inde. ---- *Encyclopedia Biospeologica* 3, 1783-1804. (Amph. p. 1789: 4 spp)
- JUBERTHIE, C., V. DECU, V. KOSEL, K. KOVAC & M. UHRIN 2001. Slovakia. ---- *Encyclopedia Biospeologia* 3, 1445-1456. (Amph. pp 1448-1449) 11 spp)
- JUBERTHIE, C., V. DECU & F. D. POR 2001. Egypte. ---- *Encyclopedia Biospeologica* 3, 1525-1528. (Amph. p. 1527: 3 spp)
- JUBERTHIE, C., V. DECU & I. POVARA 2001. Iran. ---- *Encyclopedia Biospeologica* 3, 1829-1837. (*Phreatomelita paceae* on p. 1833.)
- JUBERTHIE, C. & D. GUINOT 2001. Iles Salomon (Solomon Islands). ---- *Encyclopedia Biospeologia* 3, 2115-2119. (*Liagoceradocus lobiferus*)
- JUBERTHIE, C. & P. STRINATI 2001. Iles Fiji (Fiji Islands). ---- *Encyclopedia Biospeologica* 3, 2109-2114. (Amph. p. 2113: 2 spp)
- JUBERTHIE, C., P. STRINATI & V. DECU 2001. Chypre. ---- *Encyclopedia Biospeologica* 3, 1401-1403. (*Bogidiella cypria*.)
- KAHLE, J. & G.-P. ZAUKE 2003. Bioaccumulation of trace metals in the Antarctic amphipod *Orchomene plebs*: evaluation of toxicokinetic models. ---- *Marine Environmental Research* 55, 359-384.
- KAIM-MALKA, R.A. 2003. Biology and life cycle of *Scopelocheirus hopei* (A. Costa, 1851), a scavenging amphipod from the continental slope of the Mediterranean. ---- *Journal of Natural History* 37, 2547-2578.
- KAIM-MALKA, R. 2004. Oostegite development during the sexual maturation of females of *Tmetonyx similis* (G.O.Sars, 1891) (Amphipoda, Lysianassidae). -- *Journal of Natural History*, preview.
- KAMERMANS, P., E. J. MALTA, J. M. VERSCHUURE, L. SCHRIJVERS, L.F. LENTZ & A. T. A. LIEN 2002. Effect of grazing by isopods and

amphipods on growth of *Ulva* spp (Chlorophyta). ---- *Aquatic Ecology* 36, 425-433.

KAPPES, H., S. ZÄNKER & K. CÖLLN 2002. Vorkommen von *Niphargus schellenbergi* Karaman (Crustacea, Amphipoda) in der Eifel. ---- *Fauna und Flora in Rheinland-Pfalz* 9, 1203-1210. (Found at several locations.)

KELLY, A., M.J.HATCHER & A.M.DUNN 2004. Intersexuality in the amphipod *Gammarus duebeni* results from incomplete feminisation by the vertically transmitted parasitic sex ratio distorter *Nosema granulosis*. ---- *Evolutionary Ecology* 18, 121-132.

KHALAJI-PIRBALANTY, V. & A. SARI 2004. Biogeography of amphipods (Crustacea: Amphipoda: Gammaridae) from the central Zagros Mountains, Iran, with descriptions of two new species. ---- *Journal of Natural History*, preview. (Deals with *Gammarus proietus*, *G. komareki*, *G. syriacus*, *G. pseudosyriacus*, *G. balutchi* n.sp, in press), *G. lordeganensis* n.sp and *G. bakhteyaricus* n.sp, all from the Zagros Mountains)

KING, R.A. & J. M. C. HOLMES 2004. A new species of *Ischyrocerus* (Crustacea: Amphipoda) from Ireland, with a review of *Ischyrocerus anguipes* and *Ischyrocerus minutus* from the North-East Atlantic. ---- *Journal of Natural History* 38, 1757-1772. (Not seen. *I. fractus* n.sp. from Lough Hine, S.Ireland. *I. minutus* Liljeborg is a valid taxon and is revived; it is common along British shores.)

KING, R.A., A.A.MYERS & D. McGRATH 2004. The *Ampelisca aequicornis* group of species (Amphipoda: Ampeliscidae) with a key, and a description of *Ampelisca eclimensis* sp. nov. from Ireland. ---- *Journal of the Marine Biological Association UK* 84, 155-164. (Deals with *Ampelisca aequicornis*, *A. eclimensis* n.sp. (NW Mayo, Ireland) and *A. sorbei*.)

KING, R.A., A. A. MYERS & D. McGRATH 2004. A review of shallow-water Irish and British *Harpinia* Boeck (Crustacea: Amphipoda: Phoxocephalidae) species including the first detailed descriptions of the males of *Harpinia laevis* Sars and *Harpinia pectinata* Sars. ---- *Journal of Natural History* 38, 1263-1296. (Deals with *Harpinia antennaria*, *H. crenulata*, *H. laevis* and *H. pectinata*, with notes on *H. serrata*, *H. dellavallei* and *H. truncata*.)

KITSOS, M.-S. & A. KOUKOURAS 2003. Effects of a tidal current of graded intensity on the midlittoral hard substratum peracaridan fauna in the Aegean Sea. ---- *Crustaceana* 76, 295-306.

KOTTA, J. & E. OLAFSSON 2003. Competition for food between the introduced polychaete *Marenzelleria viridis* (Verrill) and the native amphipod *Monoporeia affinis* Lindström in the Baltic Sea. ---- *Journal of Sea Research* 50, 27-36.

KRAUFVELIN, P., H. CHRISTIE & M. OLSEN 2002. Littoral macrofauna (secondary) responses to experimental nutrient addition to rocky shore mesocosms and a coastal lagoon. ---- *Hydrobiologia* 484, 149-166. (Oslofjord, Norway)

KRAPP-SCHICKEL, T. 2003. *Linguimaera* Pirlot, 1936 (Crustacea, Amphipoda, Melitidae), a valid genus. ---- *Memoirs of Museum Victoria* 60, 123-149. (A further chapter in Traudl's fascinating *Maera*-saga. Pirlot's genus *Linguimaera* is revived, with *L. pirloti* n.sp. (= *L. othonides* s. Pirlot, nec *Maera othonides* Walker) from Sulawesi, Indonesia, as type species. This species is fully described here, along with *L. bogombogo* n.sp. (Eniwetok, Micronesia), *L. caesaris* n.sp. (Caesarea, Israel), *L. garitima* n.sp. (Flinders isl, Tasmania), *L. kellissa* n.sp. (Wilson's promontory, Victoria, Austr.), *L. leo* n.sp. (Port Phillip Bay, Victoria, Austr.), *L. mannarensis*, *L. sp.* and *L. tias* n.sp. (Otago harbour, New Zealand). A key is provided. *Maera othonides* Walker is considered a species dubia.)

KRAVTSOVA, L.S., E.B. KARABANOV, R.M. KAMALTYNOV, I.V. MEKHANIKOVA, T.Ya. SITNIKOVA, N.A. ROZHKOVA, Z.V. SLUGINA, L.A. IZHBOLDINA, I.V. WEINBERG, T.V. AKINSHINA, S.K. KRIVONOJOV & D.Y. SHCHERBAKOV 2003. (Macrozoobenthos of subaqueous landscapes in shoal of southern Lake Baikal. 1. Local diversity of bottom population and peculiarities of its spatial distribution.) ---- *Zoologicheskyy Zhurnal* 82, 307-317. (In Russian. Amph. on pp 309-310)

KRAVTSOVA, L.S., E.B. KARABANOV, R.M. KAMALTYNOV, I.V. MEKHANIKOVA, T.Ya. SITNIKOVA, N.A. ROZHKOVA, Z.V. SLUGINA, L.A. IZHBOLDINA, I.V. WEINBERG, T.V. AKINSHINA, S.K. KRIVONOJOV & D.Y. SHCHERBAKOV 2003. (Macrozoobenthos of subaqueous landscapes in shoal of southern Lake Baikal. 2. Structure of macroinvertebrate communities.) ---- *Zoologicheskyy Zhurnal* 82, 547-557. (In Russian)

KRISTJANSSON, B. K. & J. SVAVARSSON 2004. Crymostygidae, a new family of subterranean freshwater gammaridean amphipods (Crustacea) recorded from subarctic waters. ---- *Journal of Natural History*, preview. (The Crymostygidae (recte: Crymostygiidae WV), in the Crangonyctoidea, are based

ion the unique species *Crymostygius thingvallensis* n.gen., n.sp. from Thingvallavatn, Iceland. This large subterranean amphipod comes as a complete surprise!)

KRÖNCKE, I. & C. BERGFELD 2003. North Sea benthos: a review. ---- *Senckenbergiana Maritima* 33, 205-268.

KRÖNCKE, I., M. TÜRKAY & D. FIEGE 2003. Macrofauna communities in the eastern Mediterranean deep sea. ---- *P.S.Z.N.: Marine Ecology* 24, 193-216.

KRUSE, I. & F. BUHS 2000. Preying on the edge of the sea: the nemertine *Tetrastemma melanocephalum* and its amphipod prey on high intertidal sandflats. ---- *Hydrobiologia* 426, 43-55. (The main prey is *Corophium arenarium*)

KURDZIEL, J. P. & L. L. KNOWLES 2002. The mechanics of morph determination in the amphipod *Jassa*: Implications for the evolution of alternative male phenotypes. ---- *Proceedings of the Royal Society of London B* 269, 1749-1754.

LABAY, V.S. 2002. (Some patterns of *Kamaka kuthae* Derzhavin, 1923 population (Amphipoda, Corophiidae) from the Piltun lagoon.) ---- Pp 277-283 in (Water life biology, resources status and condition of inhabitation in the Sakhalin-Kurile region and adjoining water areas.). Transactions of SakhNIRO 4, Yuhzno-Sakhalinsk. (In Russian)

LADEWIG, V., D. JUNGSMANN, A. KOEHLER, M. SCHIRLING, R. TRIEBSKORN & R. NAGEL 2003. Intersexuality in *Gammarus fossarum* Koch, 1835 (Amphipoda). ---- *Crustaceana* 75, 1289-1299.

LAHDES, E. O. & L. A. VÄINIÖ 2003. Effect of season on the acute thermal tolerance and thermal inactivation of membrane ( $Mg^{2++}$ ,  $Na^+$ ,  $K^+$ ) and  $Mg^{2+}$ -adenosine triphosphatase activity of the Baltic sea amphipods, *Monoporeia affinis* and *Gammarus* spp. ---- *Boreal Environment Research* 8, 147-157.

LAINE, A.O., K. LUEDEKARI, M. POIKONEN & M. VIITASALO 2003. A comparison between 1928 and 2000 indicates major changes in the macrozoobenthos species composition and abundance on the SW coast of Finland (Baltic Sea). ---- *Proceedings of the Estonian Academy of Sciences, Biology-Ecology* 52, 3-16.

LARSEN, K. 2003 Proposed new standardized anatomical terminology for the Tanaidacea. ---- *Journal of Crustacean Biology* 23, 644-661. (A paper well

worth studying also for amphipod workers. The proposed terminology, although logical, deviates strongly in some respects from what is in general use for amphipods, and would therefore make keys to the peracarids still harder to construct.)

LECLERC, P., L. DEHARVENG, P.K.L.NG, C. JUBERTHIE & V. DECU 2001. Indonesie. ---- *Encyclopedia Biospeologia* 3, 1805-1823 (Amph. p. 180: 2 spp)

LEE, B.-H. 2001. Korea (South Korea and North Korea). ---- *Encyclopedia Biospeologia* 3, 1869-1881. (Amph. pp. 1872.1873: 3 spp)

LESTER, G. T. & W. H. CLARK 2002. Occurrence of *Corophium spinicorne* Stimpson, 1857 (Amphipoda: Corophiidae) in Idaho, USA. ---- *Western North American Naturalist* 62, 230-233. (2 sites in the Snake river.)

LEWIS, J. J., P. MOSS, D. TECIC & M. E. NELSON 2003. A conservation focused inventory of subterranean invertebrates of the southwestern Illinois karst. ---- *Journal of Cave and Karst Studies* 65, 9-21. (*Gammarus acherondytes*, one of four endemic species, was found at 6 new localities.)

LÖRZ, A.-N. 2003. Studies on the biodiversity of Antarctic benthic Amphipoda (Malacostraca, Crustacea). ---- *Berichte zur Meeres- und Polarforschung* 452, 1-148. (This is Anne-Nina Lörz's PhD thesis. Congratulations!! The papers will be (pp have been) annotated separately when published in the journals concerned.)

LÖRZ, A.-N. & A. BRANDT 2003. Diversity of Peracarida (Crustacea, Malacostraca) caught in a suprabenthic sampler. ---- *Antarctic Science* 15, 433-438.

LÖRZ, A.-N. & A. BRANDT 2004. Phylogeny of Antarctic *Epimeria* (Epimeriidae: Amphipoda). ---- *Journal of the Marine Biological Association UK* 84, 179-190. (An extensive cladistic analysis)

LÖRZ, A.-N. & C. O. COLEMAN 2003. *Dikwa andresi*, a new amphipod crustacean (Dikwidae) from the Scotia Arc. ---- *Journal of the Marine Biological Association UK* 83, 785-788. (S. of Falkland islands)

LÖRZ, A.-N. & C. DE BROYER 2004. Description and ecology of a spongicolous amphipod (Crustacea) from Antarctica. ---- *Journal of Natural History* 38, 889-899. (*Pseudokoroga spongiophila* n.sp. from three species of Demospongiae in the Eastern Weddell Sea.)

LÖRZ, A.-N. & C. HELD 2003. A preliminary molecular and morphological phylogeny of the Antarctic Epimeriidae and Iphimediidae (Crustacea, Amphipoda). ---- *Berichte zur Polar- und Meeresforschung* 452, 66-77. (Not seen)

LOWRY, J. & P. BERENTS 2002. The genus *Cerapus* in the Andaman Sea (Crustacea, Amphipoda, Ischyroceridae). ---- *Phuket Marine Biological Center Special Publication* 23, 189-196. (Deals with *C. chaomai* n.sp. (Phuket island, Thailand) and *C. yuyatalay* n.sp. (Sikao district, Trang, Thailand).)

LOWRY, J.K. & A.A.MYERS 2003. New amphipod crustaceans from the Indo-West Pacific (Amathillopsidae: Eusiridae: Iphimediidae). ---- *The Raffles Bulletin of Zoology* 51, 219-256. (Deals with *Jeanjustia pedra* n.gen., n.sp. (Amathillopsidae; SE of Southeast Cape, Pedra Seamount, 44°24'S, 147°09'E, 1400-1650m), *Oradarea dawa* n.sp. (N.Caledonia), *Coboldus mberensis* n.sp. (N. Caledonia), *Iphimedia caledoniana* n.sp. (N.Caledonia), *I. damawan* n.sp. (Madang Lagoon, Papua New Guinea), *I. maitrensis* n.sp. (N.Caledonia), *I. mizegwadan* n.sp. (Madang Lagoon, Papua New Guinea), *I. phuketensis* n.sp. (Phuket, Thailand), *I. rachanoi* n.sp. (Phuket, Thailand), *Curidia knoxi* n.sp. (The Snares, S. of New Zealand) and *C. ramonae* n.sp. (Madang Lagoon, Papua New Guinea). There are also notes on the occurrence of cuticular scales in amphipods.)

LOWRY, J. K. & H. STODDART 2002. First records of lysianassoid amphipods (Crustacea) from the Andaman Sea. ---- *Phuket Marine Biological Center, Special Publication* 23, 165-183. (Erects the new family Amaryllididae--type genus *Amaryllis*, further genera *Bathyamaryllis*, *Erikus*, *Pseudamaryllis* and *Vijaya*. *Vijaya tenuipes* Walker is rediscovered and redescribed. In the discussed genus *Lepidepecreum* *L. andamanensis* n.sp. (recte *andamanense*) is described from Phuket, Thailand, and *L. hirayamai* n.sp. (= *L. vitjazi* s. Hirayama) from Japan. *L. lukini* is transferred from *Orchomenella*. *L. somchaii* n.sp. was also collected at Phuket, Thailand, and *L. takeuchi* n.sp. (= *L. gurjanovae* s. Hirayama & Takeuchi) from Japan.)

LOWRY, J. K. & H. E. STODDART 2003. *Crustacea: Malacostraca: Peracarida: Amphipoda, Cumacea, Mysidacea*. In: P.L.Beasley & W.W.K.Houston (eds). *Zoological Catalogue of Australia* 19.2B. CSIRO Publishing, Melbourne, 531 pp. (An indispensable book for everybody studying Australian amphipods, and very important also for other colleagues. This volume gives a complete survey of present knowledge on Australian amphipods)

LOWRY, J. K. & M. WATSON 2002. Revision of the gammarellid group, with a new species from the Andaman Sea (Crustacea, Amphipoda, Melitidae) . ----

*Phuket Marine Biological Center Special Publication 23*, 197-212. (A thorough cladistic analysis: *Cottesloe* is synonymized with *Gammarella*, and both *Tabatzius* and *Valettiella* with *Nuuanu*. *Nuuanu kata* n.sp. is described from Phuket island, Thailand. A key to all species in the group is provided.)

LOZANO, S. J., M. L. GEDEON & P. F. LANDRUM 2003. The effects of temperature and organism size on the feeding rate and modelled chemical accumulation in *Diporeia* spp for Lake Michigan sediments. ---- *Journal of Great Lakes Research* 29, 79-88.

LUPPOVA, E. N. 2003. (*Ecology of common species of intertidal gammarids Lagunogammarus oceanicus (Segestråle, 1947) and Gammarus duebeni (Lilljeborg, 1851) in the Barents and White seas.* ---- Pp 240-325 in G.G.Matishov (ed.). (Fauna of the invertebrates of the Barents, the Kara and White seas (information technologies, ecology, biogeography). Apatity Izd-vo KNTz RAN (in Russian)

MacNEIL, C., E. BIGSBY, J. T. A. DICK, M. J. HATCHER & A. M. DUNN 2003. Different physico-chemical tolerances and intraguild predation among native and invasive amphipods (Crustacea): A field study. ---- *Archiv für Hydrobiologie* 156, 165-179.

MacNEIL, C., E. BIGSBY, J. T. A. DICK, H. B. N. HYNES, M. J. HATCHER & A. M. DUNN 2003. Temporal changes in the distribution of native and introduced freshwater amphipods in Lough Neagh, Northern Ireland. ---- *Archiv für Hydrobiologie* 157, 379-395.

MacNEIL, C., J. T. A. DICK, M. J. HATCHER, N. J. FIELDING, K. D. HUME & A. M. DUNN 2003. Parasite transmission and cannibalism in an amphipod (Crustacea). ---- *International Journal for Parasitology* 33, 795-798.

MacNEIL, C., J. T. A. DICK, M. J. HATCHER, R. S. TERRY, J. E. SMITH & A. M. DUNN 2003. Parasite-mediated predation between native and invasive amphipods. ---- *Proceedings of the Royal Society, Biological Sciences, Series B* 270, 1309-1314.

MacNEIL, C., N. J. FIELDING, K. D. HUME, J. T. A. DICK, R. W. ELWOOD, M. J. HATCHER & A. M. DUNN 2003. Parasite altered microdistribution of *Gammarus pulex* (Crustacea: Amphipoda). ---- *International Journal of Parasitology* 33, 57-64. (The parasite is the acanthocephalan *Echinorhynchus truttae*.)



MADURELL, T. & J. E. CARTES 2003. The suprabenthic peracarid fauna collected at bathyal depths in the Ionian Sea (Eastern Mediterranean). ---- *Crustaceana* 76, 611-624. (Amph. on pp 616-618. *Arrhis mediterraneus*, *Bathymedon longirostris*, *Oediceroides pilosus*, *Pardaliscoides stebbingi* and *Syrrhoe affinis* are new to the eastern Mediterranean.)

MAKHUTOVA, O. N. , G. S. KALACHOVA & M. I. GLADYSHEV 2003. A comparison of the fatty acid composition of *Gammarus lacustris* and its food sources from a freshwater reservoir, Bugach, and the saline lake Shira in Siberia, Russia. ---- *Aquatic Ecology* 37, 159-167.

MARANHAO, P. & J. C. MARQUES 2003. The influence of temperature and salinity on the duration of embryonic development, fecundity and growth of the amphipod *Echinogammarus marinus* Leach (Gammaridae). ---- *Acta Oecologica* 24, 5-13.

MARSDEN, I. D., P. S. RAINBOW & B. D. SMITH 2003. Trace metal concentrations in two New Zealand talitrid amphipods: Effects of gender and reproductive state and implications for biomonitoring. ---- *Journal of Experimental Marine Biology & Ecology* 290, 93-113. (*Transorchestia chilensis* and *Talorchestia quoyana*. The former seems to be a suitable trace metal biomonitor in NZ coastal waters.)

MASSIN, C., J. MALLEFET & A. NORRO 2002. Scientific diving, a new tool for monitoring in-situ North Sea biodiversity: preliminary results. ---- *Bulletin de l'Institut Royal des Sciences Naturelles de Belgique, Biologie*, 72 Suppl., 17-18.

MASSIN, C., A. NORRO & J. MALLEFET 2002. Biodiversity of a wreck from the Belgian Continental Shelf: monitoring using scientific diving. Preliminary results. ---- *Bulletin de l'Institut Royal des Sciences Naturelles de Belgique, Biologie* 76, 67-72.

MAY, B.M., V. DECU & C. JUBERTHIE 2001. Nouvelle-Zélande. ---- *Encyclopedia Biospeologica* 3, 2079-2091 (Amph. pp. 2082-2083: 2 spp)

MENG, K., Zh-e HOU & S. LI 2003. A new species from Xinjiang, China (Crustacea, Amphipoda, Gammaridae). ---- *Acta Zootaxonomica Sinica* 28, 621-628. (*Gammarus decorosus* n. sp. from the Xinjiang Uygur Autonomic Region. Close to *G. nekkensis* and *G. stagnarius*.)

MELNIKOV, I. A., E. G. KOLOSOVA, H. E. WELCH & L. S. ZHITINA 2002. Sea ice biological communities and nutrient dynamics in the Canada basin of the Arctic Ocean. ---- *Deep-Sea Research I* 49, 1623-1649.

MESSANA, G. 2001. Somalia. ---- *Encyclopedia Biospeologica* 3, 1689-1700. (Amph. p. 1697: 4 spp)

METZELING, L., B. CHESSMAN, R. HARDWICK & V. WONG 2003. Rapid assessment of rivers using macroinvertebrates. The role of experience, and comparisons with quantitative methods. ---- *Hydrobiologia* 510, 39-52.

MEYERDIRKS, J., N. HEMMER & M. SCHIRMER 2003. Die Bodenfauna der Weserwatten zwischen Bremen und Bremerhaven. ---- *Abhandlungen der Naturwissenschaftlichen Verein Bremen* 45, 455-464. (Amph. p. 457: 4 spp)

MOORE, B. P., W. F. HUMPHREYS, V. DECU & C. JUBERTHIE 2001. Australie. ---- *Encyclopedia Biospeologica* 3, 2055-2078. (Amph. pp 2059-2060: 45 spp)

MOORE, S. E., J. M. GREBMEIER & J. R. DAVIES 2003. Gray whale distribution relative to forage habitat in the northern Bering Sea: Current conditions and retrospective summary. ---- *Canadian Journal of Zoology* 81, 734-742.

MYERS, A.A. 2002. Marine amphipods of the families Aoridae and Neomegamphopidae from Phuket, Thailand. ---- *Phuket Marine Biological Center, Special Publication* 23, 213-228. (Deals with *Wombalano rachayai* n.sp., *Bemlos quadrimanus*, *B. delicatissima* n.sp., *Grandidierella bonnieroides*, *G. gilesi*, *Leptocheirus dufresni*, *Protolembos tegulapodus* n.sp., *Xenocheira* sp, and *Konatopus storeyae* n.sp.)

NALEPA, T. F., D.L. FANSLOW & M. L. TUCHMAN 2002. Current trends in the abundance of the benthic amphipod *Diporeia* in southern Lake Michigan. --- *Proceedings of the 45<sup>th</sup> Conference on Great Lakes Research*, 91-92. (The decline continues)

NEHMER, P. & I. KRÖNCKE 2003. Macrofaunal communities in the Wichter Ee, a channel system in the East Frisian Wadden Sea. ---- *Senckenbergiana Maritima* 32, 1-10.

NEIDEMANN, R., J. WENNGREN & E. OLAFSSON 2003. Competition between the introduced polychaete *Marenzelleria* sp. and the native amphipod

*Monoporeia affinis* in Baltic soft bottoms. ---- *Marine Ecology Progress Series* 264, 49-55.

NIKITIK, C. C. S. & A. W. ROBINSON 2003. Patterns in benthic populations in the Milford Haven waterway following the 'Sea Empress' oil spill with special reference to amphipods. ---- *Marine Pollution Bulletin* 46, 1125-1141. ('A decline in the amphipod fauna was observed, with the genera *Ampelisca* and *Harpinia* and the family Isaeidae particularly affected.' Clear signs of recovery after five years.)

NOËL, P.Y. 2003. Les Crustacés du Parc National de Port-Cros et de la région des îles d'Hyères (Méditerranée), France. État actuel des connaissances. ---- *Scientific reports Port-Cros National Park* 19, 135-306. (Amphipods on pp 145-195.)

NORDERHAUG, K. M. 2004. Use of red algae as hosts by kelp-associated amphipods. ---- *Marine Biology, Berlin* 144, 225-230.

NORDERHAUG, K. M., S. FREDRIKSEN & K. NYGAARD 2003. The trophic importance of *Laminaria hyperborea* to kelp forest consumers and the importance of bacterial degradation for food quality. ---- *Marine Ecology Progress Series* 266, 135-144.

OHJI, M., T. ARAI & N. MIYAZAKI 2002. Effects of tributyltin exposure in the embryonic stage on sex ratio and survival rate in the caprellid amphipod *Caprella danilevskii*. ---- *Marine Ecology Progress Series* 235, 171-176. (Serious effects at low concentrations!)

OHJI, M., T. ARAI & N. MIYAZAKI 2003. Bioavailability and effects of tributyltin in the caprellid amphipod, *Caprella danilevskii*: A review. ---- *Otsuchi Marine Science* 28, 14-30.

OHJI, M., T. ARAI & N. MIYAZAKI 2003. Chronic effects of tributyltin on the caprellid amphipod *Caprella danilevskii*. ---- *Marine Pollution Bulletin* 46, 1263-1272.

OHJI, M., T. ARAI & N. MIYAZAKI 2003. Timing of sex disturbance caused by tributyltin exposure during the embryonic stage in the caprellid amphipod, *Caprella danilevskii*. ---- *Journal of the Marine Biological Association UK* 83, 943-944.

- OHJI, M., T. ARAI & N. MIYAZAKI 2004. Effects of tributyltin on the survival in the caprellid amphipod *Caprella danilevskii*. ---- *Journal of the Marine Biological Association UK* 84, 345-349.
- OKEY, T. A. 2003. Macrobenthic colonist guilds and renegades in Monterey Canyon (USA) drift algae: Partitioning multidimensions. ---- *Ecological Monographs* 73, 415-440. (Not seen)
- OLIVA-RIVERA, J. J. 2003. The amphipod fauna of Banco Chincorro, Quintana roo, Mexico with ecological notes. ---- *Bulletin of Marine Science* 73, 77-89. (26 spp, listed on p.80.)
- O'REILLY, M. 2002. A new species of parasitic copepod, *Sphaeronella keppelensis* n.sp. (Siphonostomatoidea: Nicothoidae), from the amphipod *Orchomene nanus* (Kroyer, 1846) in the Firth of Clyde, Scotland. ---- *Glasgow Naturalist* 24, 83-91.
- ORTIZ, M. 2001. (Behaviour of *Grandidierella bonnieroides* (Crustacea, Amphipoda) during tube construction and food capture. ---- *Cocuyo* 10, 4. (In Spanish)
- ORTIZ, M. & A. JUARRERO DE VERONA 2002. (About the two morphs of *Hyalella azteca* (Crustacea: Amphipoda: Gammaridea) in Cuba. ---- *Cocuyo* 12, 5-6 (In Spanish).
- ORTIZ, M. & R. LALANA 2002. (A new species of amphipod of the genus *Spathiopus* (Gammaridea, Melitidae) of the western shelf of Cuba.) ---- *Avicennia* 15, 31-36. (In Spanish, not seen. *S. cojimarensis* n.sp. )
- ORTIZ, M. & R. LALANA 2002. (First record for the Caribbean Sea, and the Cuban archipelago, of the amphipod genus *Neoischyrocerus* (Amphipoda, Ischyroceridae), with the description of a new species from Cuba.) ---- *Avicennia* 15, 37-42. (In Spanish, not seen. *N. vidali* n.sp.)
- ORTIZ, M., R. LALANA & C. VARELA 2002. (Description of a teratological stage in an amphipod (Gammaridea, Aoridae) from Cuban waters.) ---- *Cocuyo* 12, 5. (In Spanish. *Audulla chelifera*)
- ORTIZ, M., R. LALANA & C. VARELA 2002. (Description of the female of *Spathiopus cojimarensis* (Amphipoda: Melitidae). ---- *Solenodon* 2, 17-20 (In Spanish)

- ORTIZ, M., R. LALITA, C. VARELA & A. RIBIST 2002. (New registrations of marine peracarid crustaceans from Cuba.) ---- *Cocuyo* 12, 6. (In Spanish. *Colomastix bousfieldi* and *Tropidochelura gomezi*.)
- OWENS, R.W. & D. E. DITTMAN 2003. Shifts in the diet of slimy sculpin (*Cottus cognatus*) and lake whitefish (*Coregonus clupeaformis*) in Lake Ontario following the collapse of the burrowing amphipod *Diporeia*. ---- *Aquatic Ecosystem Health & Management* 6, 311-323.
- ÖZBEK, M., M. R. USTAOGU & S. BALIK 2003. Contribution to knowledge of the variations and ecology of *Echinogammarus antalyae* Karaman, 1971 (Crustacea, Amphipoda). ---- *Zoology in the Middle East* 29, 113-115.
- PAKHOMOV, E. A., S. KOEHLER & C. D. McQUAID 2002. Zooplankton community structure in the kelp beds of the sub-Antarctic Prince Edward archipelago: Are they a refuge for larval stages? ---- *Polar Biology* 25, 778-788.
- PALERUD, R., B. GULLIKSEN, T. BRATTEGARD, J.-A. SNELI & W. VADER 2004. A catalogue of the terrestrial and marine animals of Svalbard. Chapter 2. The marine macroorganisms in Svalbard waters. ---- *Norwegian Polar Institute, Skrifter* 201, 5-56. (Amphipoda pp 26-32.)
- PAULAY, G., R. KROPP, P. K. LING & L. G. ELDREDGE 2003. The crustaceans and pycnogonids of the Mariana Islands. ---- *Micronesica* 35/36, 456-513. (18 amphipod species listed on pp 478-479.)
- PEART, R. A. 2002. New species of Ampithoidae (Crustacea, Amphipoda, Corophioidea) from the Andaman Sea. ---- *Phuket Marine Biological Center Special Publication* 23, 229-252. (Deals with *Ampithoe rachanoi* n.sp., *Cymadusa aungtonyae* n.sp., *C. chalongana* n.sp. and *C. panwa* n.sp., all from Phuket island, Thailand.)
- PEART, R. A. 2004. A revision of the *Cymadusa filosa* complex (Crustacea: Amphipoda: Corophioidea: Ampithoidae). ---- *Journal of Natural History* 38, 301-336. (Deals with *Cymadusa filosa* (a neotype is established), *C. ledoyeri* n.sp. (Tuléar, Madagascar), *C. tattersalli* n.sp. (Cockburn Sound, W. Australia), *C. imbroglio*, *C. setosa* and *C. vadosa*. A key is provided.)
- PECK, L. S. & G. CHAPPELLE 2003. Reduced oxygen at high altitude limits maximum size. ---- *Proceedings of the Royal Society of London B (Suppl.)* ?, ??-??.

- PERRONE, F. M., A DELL'ANNO, R. DANOVARO, N. DELLA CROCE & M. H. THURSTON 2002. Population biology of *Hirondellea* sp. nov. (Amphipoda: Gammaridea: Lysianassoidea) from the Atacama trench (South-East Pacific Ocean). ---- *Journal of the Marine Biological Association UK* 82, 419-425.
- PINN, E.M. & M.R.ROBERTSON 2003. Macro-infaunal biodiversity and analysis of associated feeding guilds in the Greater Minch area, Scottish west coast. ---- *Journal of the Marine Biological Association UK* 83, 433-443. (Amph. on p. 442)
- PISCART, C., S. DEVIN, J.-N. BEISEL & J.C.MORETEAU 2003. Growth-related life-history traits of an invasive gammarid species: evaluation with a Laird-Gompertz model. ---- *Canadian Journal of Zoology* 81, 2006-2014, 2006-2014. (*Dikerogammarus villosus* in the river Moselle, France.)
- PLAISTOW, S. J., L. BOLLACHE & F. CÉZILLY 2003. Energetically costly precopulatory mate guarding in the amphipod *Gammarus pulex*: causes and consequences. ---- *Animal Behaviour* 65, 683-691.
- PLAISTOW, S. J., Y. OUTREMAN, Y. MORET & T. RIGAUD 2003. Variation on the risk of being wounded: An overlooked factor in studies of invertebrates immune function? ---- *Ecology Letters* 6, 489-494. (Studies on *Gammarus pulex*)
- POR, F.D., C. DIMENTMAN & A. FRUMKIN 2001. Israel. ---- *Encyclopedia Biospeologica* 3, 1839-1849. (Amph. p. 1844: 7 spp)
- PREMKE, K., S. MUYAKSHIN, M. KLAGES & J. WEGENER 2003. Evidence for long-range chemoreceptive tracking of food odour in deep-sea scavengers by scanning sonar data. ---- *Journal of Experimental Marine Biology & Ecology* 285/286, 283-294. (*Eurythenes gryllus*)
- PUGH, P. J. A., H. J. G. DARTWELL & S. J. McINNES 2002. The non-marine Crustacea of Antarctica and the islands of the Southern Ocean: biodiversity and biogeography. ---- *Journal of Natural History* 36, 1049-1103.
- RAVE, D. P. & R. G. WILKEN 2003. Active mallard nest contains live amphipods. ---- *Prairie Naturalist* 35, 53-54. (not seen)
- RIBA, I., T.A. DelIVALLS, J. M. FORJA, A. GOMEZ-PARRA & M. CONRADI 2002. *Using the clam Scrobicularia plana and the amphipod Ampelisca brevicornis to determine sediment toxicity in the Guadalquivir Estuary after the Aznalcollar mining spill.* ---- Pp 101-108 in M. Pellei, A. Porta

& R.E.Hinchee (eds). Characterization of contaminated sediments. Battelle Memorial Institute, USA

RIBEIRO, S. M., E. P. OMENA & G. MURICY 2003. Macrofauna associated to *Mycale microsigmatosa* (Porifera, Demospongiae) in Rio de Janeiro state, SE Brazil. ---- *Estuarine, Coastal and Shelf Science* 57, 951-959. (Not seen, sadly. 'Amphipoda were the dominant group, with 61% of all individuals collected.')

RIEL, M. C. van, G. van de VELDE & A. bij de VAATE 2003. *Pomphorhynchus* spec. (Acanthocephala) uses the invasive amphipod *Chelicorophium curvispinum* (G.O.Sars 1895) as an intermediate host in the river Rhine. ---- *Crustaceana* 76, 241-246.

ROAST, S. D. & M. B. JONES 2003. Morphometrics and gill function in *Gammarus duebeni* (Peracarida: Amphipoda) inhabiting a sewage treatment plant. ---- *Marine Ecology Progress Series* 260, 189-194.

RUFFO, S., J.R.HOLSINGER & T. R. SAWICKI 2003. *Indoweckelia stocki* n.sp. from subterranean waters of northern Oman: the second weckeliid amphipod crustacean (Hadziidae) described from the Middle East (Stygofauna of Oman nr 6). ---- *Bollettino del Museo Civico di Storia Naturale di Verona* 27, 3-11.

SAIGUSA, M., K. OISHI, A. IKUMOTO, H. IWASAKI & M. TERAHMA 2000. Emergence patterns of small subtidal arthropods in relation to day/night, tidal, and surface/bottom factors: Investigations in the Boreal Sea, Japan (Akkeshi, Hokkaido). ---- *Journal of Oceanography* 56, 295-310.

SANCHEZ-JEREZ, P., C. BARBERA-CEBRIAN & A. RAMOS-ESPLA 2000. Influence of the structure of *Posidonia oceanica* meadows modified by bottom trawling on crustacean assemblages: Comparison of amphipods and decapods. -- *Scientia Marina, Barcelona* 64, 319-326. ('The amphipod community seems to be a strong indicator of the ecological implications of seagrass degradation.')

SAWICKI, T.R. & J.R.HOLSINGER 2004. Systematics of the subterranean amphipod genus *Bahadzia* (Hadziidae), with description of a new species, redescription of *B. yagerae*, and analysis of phylogeny and biogeography. ---- *Journal of Natural History* 38, 1397-1414. (The new species is *B. caymanensis*--called *caymenensis* almost throughout in this paper---from Grand Cayman island. The genus *Bahadzia* may be paraphyletic.)

SCHLEKAT, C. E., B. G. LEE & S. N. LUOMA 2002. Assimilation of selenium from phytoplankton by three benthic invertebrates: Effect of

phytoplankton species. ---- *Marine Ecology Progress Series* 237, 79-85. (i.a. *Leptocheirus plumulosus*.)

SCHREIDER, M. J., T. M. GLASBY & A. J. UNDERWOOD 2003. Effects of height on the shore and complexity of habitat on abundances of amphipods on rocky shores in New South Wales, Australia. ---- *Journal of Experimental Marine Biology & Ecology* 293, 57-71.

SEPULVEDA, R., J. M. CANCINO & M. THIEL 2003. The peracarid epifauna associated with the ascidian *Pyura chilensis* (Molina, 1782) (Ascidacea: Pyuridae). ---- *Journal of Natural History* 37, 1555-1569.

SHEADER, M., C.L. VAN DOVER & M.H. THURSTON 2004. Reproductive ecology of *Bouvierella curtirama* (Amphipoda: Eusiridae) from chemically distinct vents in the Lucky Strike vent field, Mid-Atlantic Ridge. ---- *Marine Biology, Berlin* 144, 503-514.

SIMCIC, T. & A. BRANCELJ 2003. Estimation of the proportion of metabolically active mass in the amphipod *Gammarus fossarum*. ---- *Freshwater Biology* 48, 1093-1099.

SMITH, H., P. J. WOOD & J. GUNN 2003. The influence of habitat structure and flow permanence on invertebrate communities in karst spring systems. ---- *Hydrobiologia* 510, 53-66.

SNUCINS, E. 2003. Recolonization of acid-damaged lakes by the benthic invertebrates *Stenacron interpunctatum*, *Stenonema femoratum* and *Hyaella azteca*. ---- *Ambio* 32, 225-229.

SORBE, J.-C., A. BASIN & B. S. GALIL 2002. Contribution to the knowledge of the Amphipoda (Crustacea) of the Mediterranean coast of Israel. ---- *Israel Journal of Zoology* 48, 87-110. (Not seen. 53 spp found in these collections; 98 spp known from the Mediterranean Israeli coast.)

SOTKA, E. E., J. P. WARES & M. E. HAY 2003. Geographic and genetic variation in feeding preference for chemically defended seaweeds. ---- *Evolution* 57, 2262-2276.

STEINAUER, M. L. & B. B. NICKOL 2003. Effect of cystacanth body size on adult success. ---- *Journal of Parasitology* 89, 251-254. (The acanthocephalan *Leptorhynchoides thecatus* in *Hyaella azteca*)



STODDART, H. E., S. J. KEABLE & J. K. LOWRY 2003. *Gammaridea*. ---- Pp 39-297 in J.K. Lowry & H. E. Stoddart. Crustacea: Malacostraca: Peracarida: Amphipoda, Cumacea, Mysidacea. In: P. L. Beesley & W. W. K. Houston (eds). Zoological Catalogue of Australia 19.2B. CSIRO Publishing, Melbourne, 531 pp

STODDART, H.E.& J.K. LOWRY 2003. *Caprellidea*. ---- Pp 19-38 in J.K. Lowry & H.E. Stoddart. Crustacea: Malacostraca: Peracarida: Amphipoda, Cumacea, Mysidacea. In: P.L. Beesley & W.W.K. Houston (eds). Zoological Catalogue of Australia 19.2B. CSIRO Publishing, Melbourne, 531 pp

STODDART, H.E.& J.K. LOWRY 2003. *Ingolfiellidea*. ---- Pp 370-372 in J. K. Lowry & H. E. Stoddart. Crustacea: Malacostraca: Peracarida: Amphipoda, Cumacea, Mysidacea. In: P. L. Beesley & W. W. K. Houston (eds). Zoological Catalogue of Australia 19.2B. CSIRO Publishing, Melbourne, 531 pp.

STOMP, N. & C. BIEL 2001. Luxembourg. ---- *Encyclopedia Biospeologica* 3, 1439-1443. (Amph. p 1442: 6 spp)

STRONKHORST, J., C. SCHIPPER, J. BRILS, M. DUBBELDAM, J. POSTMA & N. van de HOEVEN 2003. Using marine bioassays to classify the toxicity of Dutch harbour sediments. ---- *Environmental Toxicity & Chemistry* 22, 1535-1547. (*Corophium volutator* as test animal)

STRONKHORST, J., M. E. SCHOT, M. C. DUBBELDAM & K. T. HO 2003. A toxicity identification evaluation of silty marine harbor sediments too characterize persistent and non-persistent constituents. ---- *Marine Pollution Bulletin* 46, 56-64. (Test amphipod is *Corophium volutator*)

SZANIAWSKA, A., T. LAPUCKI & M. NORMANT 2003. The invasive amphipod *Gammarus tigrinus* Sexton, 1939, in Puck Bay. ---- *Oceanologia* 45, 507-510.

TAFANI, B., A. UGOLINI, M. BAZZICALUPO, A. MENGONI & S. RUFFO 2003?. Phylogenetic relationships among Mediterranean sandhoppers. ---- *Journal of Natural History*, preview. (A DNA-study of 5 mediterranean *Talorchestia* spp plus *Talitrus saltator*, shows large genetic differences and much divergence. In an appendix two new genera are diagnosed by Ruffo: *Deshayesorchestia* n.gen. (type *Orchestia deshayesii*) and *Sardorchestia* n.gen. (type *Talorchestia peleciformis*); *T. brito* represents a third generotype, which is not yet named here. NB. I am uncertain about the right year of publication of a ms like this one. The 'preview' is dated 2003, but the paper has not yet come out in March 2004.WV)

TANAKA, M. O. & P. P. LEITE FOSCA 2003. Spatial scaling in the distribution of macrofauna associated with *Sargassum stenophyllum* (Mertens) Martius: Analyses of faunal groups, gammarid life habits, and community structure. ---- *Journal of Experimental Marine Biology & Ecology* 293, 1-22.

TAYLOR, R. B., N. LINDQUIST, J. KUBANEK & M. E. HAY 2003. Intraspecific variation in palatability and defensive chemistry of brown seaweeds: Effects on herbivore fitness. ---- *Oecologia, Berlin* 136, 412-435.

TERRY, R. S., C. MacNEIL, J. T. A. DICK, J. E. SMITH & A. M. DUNN 2003. Resolution of a taxonomic conundrum: an ultrastructural and molecular description of the life cycle of *Pleistophora mulleri* (Pfeiffer 1895; Georgevitch 1929). ---- *Journal of Eukaryotic Microbiology* 50, 266-273.

THIEL, M. 2002. The zoogeography of algae-associated peracarids along the pacific coast of Chile. ---- *Journal of Biogeography* 29, 999-1008.

THIEL, M. & J.A.VASQUEZ 2000. Are kelp holdfasts islands on the ocean floor?—Indication for temporarily closed aggregations of peracarid crustaceans. ---- *Hydrobiologia* 440, 45-54.

THORBJØRN, L. & G. HØPNER PETERSEN 2003. The epifauna on the carbonate reefs in the Arctic Ikka fjord, SW Greenland. ---- *Ophelia* 57, 177-202. (Amph. p. 183.)

TOMIKAWA, K. & H. MORINO 2003. Two new freshwater species of the genus *Jesogammarus* (Crustacea: Amphipoda: Anisogammaridae) from Northern Japan. ---- *Zoological Science, Tokyo* 20, 229-241. (*J. fujinoi* n.sp. and *J. shonaiensis* n.sp., both from Yamagata prefecture.)

TOMIKAWA, K., H. MORINO & S. F. MAWATARI 2003. A new freshwater species of amphipod of the genus *Jesogammarus* (Crustacea. Amphipoda: Anisogammaridae) from northern Japan. ---- *Zoological Science, Tokyo* 20, 925-933. (*J. (J.) mikadoi* n.sp. from freshwaters in northern Honshu, Japan.)

TOMOFEYEV, M. A., Z. M. SHATILINA, A. V. KOLESNICHENKO, T. P. POBEZHIMOVA & O. I. GRABELIN 2003. (Oxydative influence of solution of humic substrates on European and Baikalian amphipods; an evolutionary view on the causes of differences in resistance.) ---- *Sibirskij Ekologicheskyy Zhurnal* 10, 569-574. (In Russian)

TREUDE, T., F. JANSSEN, W. QUEISSER & U. WITTE 2002. Metabolism and decompression tolerance of scavenging lysianassoid deep-sea amphipods. -- *Deep-Sea Research I. Oceanographic Research Papers* 49, 1281-1289.

D'UDEKEM d'ACOSZ, C. & J. BERGE 2003. Vestigial structures in pontoporeiid and stegocephalid amphipods (Crustacea, Amphipoda, Gammaridea). ---- *Bulletin de l'Institut Royal des Sciences Naturelles de Belgique* 73, 107-114.

ULLBERG, J. & E. OLAFSSON 2003. Effects of biological disturbance by *Monoporeia affinis* (Amphipoda) on small-scale migration of marine nematodes in low-energy soft sediments. ---- *Marine Biology, Berlin* 143, 867-874.

UENO, S.I. 2001. Japan. ---- *Encyclopedia Biospeologia* 3, 1851-1866 (Amph. pp 1857-1858)

VADER, W. & J. BERGE 2003. Antarctic deep-sea amphipods. ---- Pp 78-81 in D.K.Fütterer, A. Brandt & G.C.B. Poore (eds). The expeditions Antarktis-XIX/3-4 of the research vessel Polarstern in 2002. *Berichte zur Polar- und Meeresforschung* 470.

VAINIO, J. K. & R. VÄINÖLÄ 2003. Refugial races and postglacial colonization history of the freshwater amphipod *Gammarus lacustris* in Northern Europe. ---- *Biological Journal of the Linnaean Society* 79, 523-542.

VANDENBERGH, G. F., D. ADRIAENS, T. VERSLYCKE & C. R. JANSSEN 2003. Effects of 17[alpha]-ethinylestradiol on sexual development of the amphipod *Hyaella azteca*. ---- *Ecotoxicology and Environmental Safety* 54, 216-222.

VELOSOS, V.G., C. H. CAETANO & R. S. CARDOSO 2003. Composition, structure and zonation of intertidal macrofauna in relation to physical factors in microtidal sandy beaches in Rio de Janeiro state, Brazil. ---- *Scientia Marina* 67, 393-402. (i.a. *Pseudorchestia brasiliensis*.)

VONK, R. & F. R. SCHRAM 2003. Ingolfiellidea (Crustacea, Malacostraca, Amphipoda): A phylogenetic and biogeographic analysis. ---- *Contributions to Zoology* 72, 39-72. (This important revision forms part of Ronald Vonk's PhD thesis, mentioned in AN 25. Additional illustrations and descriptions are provided for *Troglolaleupia eggerti*, *T. leleupi*, *Ingolfiella littoralis*, *I. tabularis*, *I. quadridentata*, *I. margaritae* and *I. abyssi*. The cladistic analysis shows that the present subdivision of *Ingolfiella* into many subgenera is untenable, and it is therefore discarded. On the other hand, two new monotypic genera are split off

from *Trogloteleupia*, i.e. *Proteleupia* n.gen. for *T. nudicarpus*, and *Parateleupia* n.gen. for *T. gobabis*. A most thorough biogeographic analysis is also presented.)

WAAGE-NIELSEN, E., H. CHRISTIE & E. RINDE 2003. Short-term dispersal of kelp fauna to cleared (kelp-harvested) areas. ---- *Hydrobiologia* 503, 77-91.

WELLNITZ, T., L. GIARI, B. MAYNARD & B. S. DEZFULI 2003. A parasite spatially structures its host population. ---- *Oikos* 100, 263-268. (The acanthocephalan *Pomphorhynchus laevis* in the amphipod *Echinogammarus stammeri*.)

WENNGREN, J. & E. OLAFSSON 2002. Intraspecific competition for food within and between year classes in the deposit-feeding amphipod *Monoporeia affinis*—the cause of population fluctuations? ---- *Marine Ecology Progress Series* ??, 205-213.

WESLAWSKI, J. M. & J. LEGEZYNSKA 2002. Chances for Arctic survival: Greely's expedition revisited. ---- *Arctic* 55, 373-379 (A fascinating story!!)

WIEKING, G. & I. KRÖNCKE 2003. Macrofauna communities of the Dogger Bank (central North Sea) in the late 1990's: Spatial distribution, species composition and trophic structure. ---- *Helgoland Marine Research* 57, 34-46.

WIKLUND, A.K. ERIKSSON, S. J. WIKLUND, J. AXELMAN & B. SUNDELIN 2003. Dynamics of lipids and polychlorinated biphenyls in a Baltic amphipod (*Monoporeia affinis*): A field study. ---- *Environmental Toxicity and Chemistry* 22, 2499-2507.

WILLIAMS, D. D. 2003. The brackishwater hyporheic zone: invertebrate community structure across a novel ecotone. ---- *Hydrobiologia* 510, 153-173.

WINFIELD, I. & M. ORTIZ 2003. *Anfipodos, un enfoque biologico*. ---- Universidad Nacional Autonoma de Mexico, 51 pp.

WLODARSKA-KOWALCZUK, M. & T.H. PEARSON 2004. Soft-bottom macrobenthic faunal associations and factors affecting species distributions in an Arctic glacial fjord (Kongsfjord, Spitsbergen). ---- *Polar Biology* 27, 155-167.

WOODS, C. M. C. 2002. Natural diet of the seahorse *Hippocampus abdominalis*. ---- *New Zealand Journal of Marine and Freshwater Research* 36, 655-660. (Amphipods very important part of diet.)

YAMADA, Y. & T. IKEDA 2001. Notes on the early development and secondary sexual characteristics of the mesopelagic amphipod *Cyphocaris challengerii* (Gammaridea: Lysianassidae). ---- *Bulletin of Fisheries Sciences, Hokkaido University* 52, 55-59.

YAMADA, Y. & T. IKEDA 2001. Notes on the early development and secondary sexual characteristics of the mesopelagic amphipod *Primno abyssalis* (Hyperidea: Phrosinidae). ---- *Bulletin of Fisheries Sciences, Hokkaido University* 52, 61-66.

YU, O. H., H. L. SHUH & Y. SHIRAYAMA 2003. Feeding ecology of three amphipod species *Synchelidium lenorostratum*, *S. trioostegitum*, and *Gitanopsis japonica* in the surf zone of a sandy shore. ---- *Marine Ecology Progress Series* 258, 189-199.

ZAJACZKOWSKI, M. J. & J. LEGEZYNSKA 2001. Estimation of zooplankton mortality caused by an Arctic glacier outflow. ---- *Oceanologia* 43, 341-351. (Many data on *Onisimus caricus*.)

ZAKARIA, H. Y., N. M. DOWIDAR, M. M. EL-KOMI & M. M. ATTA 2003. A growth model for a hyalid amphipod *Hyale perieri* in the coastal water of Alexandria (Egypt). ---- *Acta Oceanologica Sinica (English Edition)* 22, 221-231.

ZEHMER, J. K., S. A. MAHON & G. M. CAPELLI 2002. Calcium as a limiting factor in the distribution of the amphipod *Gammarus pseudolimnaeus*. ---- *American Midland Naturalist* 148, 350-362.

ZEIDLER, W. 2003. A review of the hyperiidean amphipod family Cystisomatidae Willemoes-Suhm, 1875 (Crustacea: Amphipoda: Hyperiidea). -- *Zootaxa* 141, 1-43. (A revision. A new monotypic superfamily Cystisomatoidea is proposed. Also the family remains monotypic, and the genus *Cystisoma* has six valid species: *C. pellucida*, *C. longipes*, *C. fabricii*, *C. magna*, *C. latipes*, and *C. gershwinae* n.sp. (British Columbia, Canada).)

ZEIDLER, W. 2003. A review of the hyperiidean amphipod superfamily Vibilioidea Bowman and Gruner, 1973 (Crustacea. Amphipoda: Hyperiidea). --- *Zootaxa* 280, 1-104. (This important monographic revision apparently contains several taxonomic changes. The genus *Vibilioidea* is revived as a valid monotypic genus. In the genus *Vibilia* 17 species are recognized, i.e. the new species *Vibilia thurstoni* (S Indian Ocean, off S.Africa), and *V. laticaudata* (S. Indian Ocean, off S.Africa). *V. wolterecki* is synonymized with *V. australis*. In

the monotypic Cyllopodidae the genus *Cyllopus* has two valid species. Likewise, in the monotypic Paraphronimidae *Paraphronima* also has two valid species)

ZHANG, J. & J.R.HOLSINGER 2003. Systematics of the freshwater amphipod genus *Crangonyx* (Crangonyctidae) in North America. ---- *Virginia Museum of Natural History, Memoir 6*, 1-274. A magnum opus, dealing with the following species: *C. shoemakeri*, *C. setodactylus*, *C. minor*, *C. aberrans*, *C. longicarpus* n.sp. (Northampton Co, Virginia), *C. richmondensis* (with the ssp *occidentalis* and *laurentianus*, as well as *C. alpinus*, as junior synonyms), *C. anomalus*, *C. indianensis* n.sp. (Green Co., Indiana), *C. cornutus* n.sp. (Madison Co., Alabama), *C. obliquus*, *C. disjunctus* n.sp. (Isle of Wight Co., Virginia), *C. dearolfi*, *C. grandimanus*, *C. hubrichti* n.sp., (Effingham Co., Illinois), *C. forbesi*, *C. insolitus* n.sp. (Shannon Co., Missouri), *C. gracilis*, *C. barri* n.sp. (Edmonson Co., Kentucky), *C. montanus* n.sp. ( Bath Co., Virginia), *C. rivularis*, *C. packardi*, *C. stagnicolous* (sic!) n.sp. (Fairfax Co., Virginia), *C. aka* n.sp. (Pope Co., Arkansas), *C. caecus* n.sp. (Carter Co., Kentucky), *C. ohioensis* n.sp. (Carter Co., Kentucky), *C. acicularis* n.sp. (Sullivan Co., Tennessee), *C. palustris* n.sp. (Isle of Wight Co., Virginia), *C. castellanum* n.sp (Rockcastle Co., Kentucky), *C. hobbsi*, *C. baculispina* n.sp. (Lancaster Co., Virginia), *C. floridanus*, *C. pseudogracilis*, *C. consimilis* n.sp. (Davidson Co., Tennessee), *C. longidactylus* n.sp. (Barren Co., Kentucky), *C. serratus*, *C. antennatus*, *C. specus* n.sp. (Pulaski Co., Kentucky), *C. fontinalis* n.sp. (Bland Co., Virginia), *C. cooperi* n.sp. (Morgan Co., Alabama), *C. lewisi* n.sp. (Jennings Co., Indiana), *C. orientalis* n.sp. (Norfolk Co., Virginia), and *C. bousfieldi* n.sp. (Jefferson Co, Kentucky)

ZIMMER, M. & S. BARTHOLME 2003. Bacterial endosymbionts in *Asellus aquaticus* (Isopoda) and *Gammarus pulex* (Amphipoda) and their contribution to digestion. ---- *Limnology and Oceanography* 48, 2208-2213.

## NEW AMPHIPOD TAXA IN AN 26

### A. ALPHABETIC LIST

New families, subfamilies etc.

Amaryllidae Lowry & Stoddart, 2002

Crymostygiidae Kristjansson & Svavarsson, 2004

Cystosomatidea Zeidler, 2003

## New genera and subgenera:

*Anisocallisoma* Hendrycks & Conlan, 2003  
*Caprellaporema* Guerra-Garcia, 2003  
*Crymostygius* Kristjansson & Svavarsson, 2004  
*Dehayesorchestia* Ruffo, in Tafani et al., 2004  
*Jeanjustia* Lowry & Myers, 2003  
*Linguimaera* Pirlot, 1936 (rev. by Krapp-Schickel, 2003)  
*Macroarthrus* Hendrycks & Conlan, 2003  
*Octomana* Hendrycks & Conlan, 2003  
*Paraleleupia* Vonk & Schram, 2003  
*Protoleleupia* Vonk & Schram, 2003  
*Sardorchestia* Ruffo, in Tafani et al., 2004  
*Triquetramana* Hendrycks & Conlan, 2003  
*Vibilioides* Chevreux, 1905 (revived by Zeidler, 2003)

Scopelocheiridae  
 Caprellidae  
 Crymostygiidae  
 Talitridae  
 Amathillopsidae  
 Melitidae  
 Pardaliscidae  
 Pardaliscidae  
 Ingolfiellidae  
 Ingolfiellidae  
 Talitridae  
 Eusiridae  
 Vibiliidae

## New species and subspecies:

*acicularis* (Crangonyx) Zhang & Holsinger, 2003  
*aka* (Crangonyx) Zhang & Holsinger, 2003  
*andanamense* (Lepidepcreum) Lowry & Stoddart, 2002  
*andresi* (Dikwa) Lörz & Coleman, 2003  
*aoculus* (Gammarus) Hou & Li, 2003  
*armigera* (Anisocallisoma) Hendrycks & Conlan, 2003  
*aungtonyae* (Cymadusa) Peart, 2002  
*baculisipina* (Crangonyx) Zhang & Holsinger, 2003  
*bakhteyaricus* (Gammarus) Khalayi-Pirbalanty & Sari, 2004  
*barri* (Crangonyx) Zhang & Holsinger, 2003  
*bogombogo* (Linguimaera) Krapp-Schickel, 2003  
*bousfieldi* (Crangonyx) Zhang & Holsinger, 2003  
*bousfieldi* (Platorchestia) Hou & Li, 2003  
*brevipalpa* (Triquetrimana) Hendrycks & Conlan, 2003  
*caecus* (Crangonyx) Zhang & Holsinger, 2003  
*caesaris* (Linguimaera) Krapp-Schickel, 2003  
*caledoniana* (Iphimedia) Lowry & Myers, 2003  
*campbellensis* (Pseudoaeginella) Guerra-Garcia, 2003  
*castellanum* (Crangonyx) Zhang & Holsinger, 2003  
*caymanensis* (Bahadzia) Sawicki & Holsinger, 2004  
*chalongana* (Cymadusa) Peart, 2002  
*chaomai* (Cerapus) Lowry & Berents, 2002  
*cojimarensis* (Spathiopus) Ortiz & Lalana, 2002  
*consimilis* (Crangonyx) Zhang & Holsinger, 2003  
*cooperi* (Crangonyx) Zhang & Holsinger, 2003  
*cornutus* (Crangonyx) Zhang & Holsinger, 2003  
*curvativus* (Gammarus) Hou & Li, 2003  
*damawan* (Iphimedia) Lowry & Myers, 2003  
*dawa* (Oradarea) Lowry & Myers, 2003  
*decorosus* (Gammarus) Meng, Hou & Li, 2003  
*delicatissima* (Bemlos) Myers, 2002  
*denticulata* (Oedicerina) Hendrycks & Conlan, 2003  
*dentiurosoma* (Metharpinia) Alonso de Pina, 2003

Crangonyctidae  
 Crangonyctidae  
 Lysianassidae  
 Dikwidae  
 Gammaridae  
 Scopelocheiridae  
 Ampithoidae  
 Crangonyctidae  
 Gammaridae  
 Crangonyctidae  
 Melitidae  
 Crangonyctidae  
 Talitridae  
 Eusiridae  
 Crangonyctidae  
 Melitidae  
 Iphimediidae  
 Caprellidae  
 Crangonyctidae  
 Hadziidae  
 Ampithoidae  
 Ischyroceridae  
 Melitidae  
 Crangonyctidae  
 Crangonyctidae  
 Crangonyctidae  
 Gammaridae  
 Iphimediidae  
 Eusiridae  
 Gammaridae  
 Aoridae  
 Oedicerotidae  
 Phoxocephalidae

|   |                 |
|---|-----------------|
| <i>disjunctus</i> (Crangonyx) Zhang & Holsinger, 2003           | Crangonyctidae  |
| <i>eclimensis</i> (Ampelisca) King, Myers & McGrath, 2004       | Ampeliscidae    |
| <i>edgari</i> (Caprella) Guerra-Garcia & Takeuchi, 2004         | Caprellidae     |
| <i>electrus</i> (Gammarus) Hou & Li, 2003                       | Gammaridae      |
| <i>fontinalis</i> (Crangonyx) Zhang & Holsinger, 2003           | Crangonyctidae  |
| <i>fractus</i> (Ischyrocerus) King & Holmes, 2004               | Ischyroceridae  |
| <i>francisciae</i> (Hyaella) Gonzalez & Watling, 2003           | Hyaellidae      |
| <i>fujinoi</i> (Jesogammarus) Tomikawa & Morino, 2003           | Anisogammaridae |
| <i>garitima</i> (Linguimaera) Krapp-Schickel, 2003              | Melitidae       |
| <i>gershwinae</i> (Cystisoma) Zeidler, 2003                     | Cystisomatidae  |
| <i>glabratus</i> (Gammarus) Hou & Li, 2003                      | Gammaridae      |
| <i>grandirama</i> (Metharpinia) Alonso de Pina, 2003            | Phoxocephalidae |
| <i>hadromischa</i> (Octomana) Hendrycks & Conlan, 2003          | Pardaliscidae   |
| <i>hanoiensis</i> (Floresorchestia) Hou & Li, 2003              | Talitridae      |
| <i>hirayamai</i> (Lepidepcreum) Lowry & Stoddart, 2002          | Lysianassidae   |
| <i>hubrichti</i> (Crangonyx) Zhang & Holsinger, 2003            | Crangonyctidae  |
| <i>indianensis</i> (Crangonyx) Zhang & Holsinger, 2003          | Crangonyctidae  |
| <i>inermis</i> (Hircella) Guerra-Garcia & Takeuchi, 2004        | Phtisicidae     |
| <i>insolitus</i> (Crangonyx) Zhang & Holsinger, 2003            | Crangonyctidae  |
| <i>isaki</i> (Andaniopsis) Berge, 2004                          | Stegocephalidae |
| <i>kajiharai</i> (Hyaella) Hiwatari, 2003                       | Hyalidae        |
| <i>kata</i> (Nuuanu) Lowry & Watson, 2002                       | Melitidae       |
| <i>kellissa</i> (Linguimaera) Krapp-Schickel, 2003              | Melitidae       |
| <i>knoxi</i> (Curidia) Lowry & Myers, 2003                      | Ochlesinae      |
| <i>laticaudata</i> (Vibilia) Zeidler, 2003                      | Vibiliidae      |
| <i>latimana</i> (Hyaella) Hiwatari, 2003                        | Hyalidae        |
| <i>latirama</i> (Cyphocaris) Hendrycks & Conlan, 2003           | Cyphocarididae  |
| <i>ledoyeri</i> (Cymadusa) Peart, 2004                          | Ampithoidae     |
| <i>leo</i> (Linguimaera) Krapp-Schickel, 2003                   | Melitidae       |
| <i>lewisi</i> (Crangonyx) Zhang & Holsinger, 2003               | Crangonyctidae  |
| <i>lincolni</i> (Valettiopsis) Horton, 2004                     | Valettiidae     |
| <i>longicarpus</i> (Crangonyx) Zhang & Holsinger, 2003          | Crangonyctidae  |
| <i>longidactyla</i> (Valettiopsis) Horton, 2004                 | Valettiidae     |
| <i>longidactylus</i> (Crangonyx) Zhang & Holsinger, 2003        | Crangonyctidae  |
| <i>lordeganensis</i> (Gammarus) Khalayi-Pirbalanty & Sari, 2004 | Gammaridae      |
| <i>macquariensis</i> (Stilipes) Berge, 2003                     | Stilipedidae    |
| <i>maitrensis</i> (Iphimedia) Lowry & Myers, 2003               | Iphimediidae    |
| <i>mberensis</i> (Coboldus) Lowry & Myers, 2003                 | Iphimediidae    |
| <i>meraspinosa</i> (Hyaella) Baldinger, 2004                    | Hyaellidae      |
| <i>mikadoi</i> (Jesogammarus)                                   |                 |
| Tomikawa, Morino & Mawatari, 2003                               | Anisogammaridae |
| <i>minuta</i> (Valettiopsis) Horton, 2004                       | Valettiidae     |
| <i>minutus</i> (Ischyrocerus) Liljeborg, 1851                   |                 |
| (rev. King & Holmes, 2004)                                      |                 |
| <i>misakiensis</i> (Hyaella) Hiwatari, 2003                     | Ischyroceridae  |
| <i>mizegwadan</i> (Iphimedia) Lowry & Myers, 2003               | Hyalidae        |
| <i>montanus</i> (Crangonyx) Zhang & Holsinger, 2003             | Iphimediidae    |
| <i>ninglangensis</i> (Gammarus) Hou & Li, 2003                  | Crangonyctidae  |
| <i>norae</i> (Glorandaniotes) Berge & Vader, 2003               | Gammaridae      |
| <i>nuda</i> (Hyaella) Hiwatari, 2003                            | Stegocephalidae |
|   | Hyalidae        |



|  |                         |
|--|-------------------------|
| <i>ohioensis</i> (Crangonyx) Zhang & Holsinger, 2003                 | Crangonyctidae          |
| <i>orientalis</i> (Crangonyx) Zhang & Holsinger, 2003                | Crangonyctidae          |
| <i>oujdae</i> (Echinogammarus) Fadil & Dakki, 2003                   | Gammaridae              |
| <i>palustris</i> (Crangonyx) Zhang & Holsinger, 2003                 | Crangonyctidae          |
| <i>panwa</i> (Cymadusa) Peart, 2002                                  | Ampithoidae             |
| <i>papua</i> (Pseudoproto) Guerra-Garcia, 2003                       | Phtisicidae             |
| <i>pauperocovae</i> (Hyalella) Gonzalez & Watling, 2002              | Hyalellidae             |
| <i>pedra</i> (Jeanjustia) Lowry & Myers, 2003                        | Amathillopsidae         |
| <i>phuketensis</i> (Iphimedia) Lowry & Myers, 2003                   | Iphimediidae            |
| <i>pirloiti</i> (Linguimaera) Krapp-Schickel, 2003                   | Melitidae               |
| <i>platvoeti</i> n.sp. (Gammarus) Hou & Li, 2003                     | Gammaridae              |
| <i>pseudoazteca</i> (Hyalella) Gonzalez & Watling, 2003              | Hyalellidae             |
| <i>quindioensis</i> (Hyalella) Gonzalez & Watling, 2003              | Hyalellidae             |
| <i>quokka</i> (Ingolfiella) Gallego-Martinez & Poore, 2003           | Ingolfiellidae          |
| <i>rachanoi</i> (Ampithoe) Peart, 2002                               | Ampithoidae             |
| <i>rachanoi</i> (Iphimedia) Lowry & Myers, 2003                      | Iphimediidae            |
| <i>rachayai</i> (Wombalano) Myers, 2002                              | Aoridae                 |
| <i>ramonae</i> (Curidia) Lowry & Myers, 2003                         | Ochlesinae              |
| <i>sabineae</i> (Caprella) Guerra-Garcia & Garcia-Gomez, 2003        | Caprellidae             |
| <i>shonaiensis</i> (Jesogammarus) Tomikawa & Morino, 2003            | Anisogammaridae         |
| <i>somchai</i> (Lepidepcreum) Lowry & Stoddart, 2002                 | Lysianassidae           |
| <i>specus</i> (Crangonyx) Zhang & Holsinger, 2003                    | Crangonyctidae          |
| <i>spinipoda</i> (Paracallisoma) Hendrycks & Conlan, 2003            | Scopelocheiridae        |
| <i>spinirama</i> (Schisturella) Hendrycks & Conlan, 2003             | Uristidae               |
| <i>spongiophila</i> (Pseudokoroga) Lörz & De Broyer, 2004            | Tryphosinae             |
| <i>stagnicolous</i> (Crangonyx) Zhang & Holsinger, 2003              | Crangonyctidae          |
| <i>stocki</i> (Indoweckelia) Ruffo, Holsinger & Sawicki, 2003        | Hadziidae               |
| <i>storeyae</i> (Konatopus) Myers, 2002                              | Neomegamphopidae        |
| <i>subantarctica</i> (Caprelloporema) Guerra-Garcia, 2003            | Caprellidae             |
| <i>takeuchii</i> (Lepidepcreum) Lowry & Stoddart, 2002               | Lysianassidae           |
| <i>tasmaniensis</i> (Paraproto) Guerra-Garcia & Takeuchi, 2004       | Phtisicidae             |
| <i>tattersalli</i> (Cymadusa) Peart, 2004                            | Ampithoidae             |
| <i>tegulapodus</i> (Protolembos) Myers, 2002                         | Aoridae                 |
| <i>thingvallensis</i> (Crymostygius) Kristjansson & Svavarsson, 2004 | Crymostygiidae          |
| <i>thurstoni</i> (Vibilia) Zeidler, 2003                             | Vibiliidae              |
| <i>tias</i> (Linguimaera) Krapp-Schickel, 2003                       | Melitidae               |
| <i>tordi</i> (Metandania) Berge & Vader, 2003                        | Stegocephalidae         |
| <i>triangulata</i> (Hyale) Hiwatari, 2003                            | Hyalidae                |
| <i>tuberculata</i> (Orthoprotella) Guerra-Garcia & Takeuchi, 2004    | Caprellidae             |
| <i>vemae</i> (Glorandaniotes) Berge & Vader, 2003                    | Stegocephalidae         |
| <i>victoriae</i> (Macroarthrus) Hendrycks & Conlan, 2003             | Pardaliscidae           |
| <i>vidali</i> (Neoischyrocerus) Ortiz & Lalana, 2002                 | Ischyroceridae          |
| <i>waipoua</i> (Phreatogammarus) Chapman, 2003                       | ‘Phreatogammarus-group’ |
| <i>yuyatalay</i> (Cerapus) Lowry & Berents, 2002                     | Ischyroceridae          |

## B. SYSTEMATIC LIST

Amaryllidae Lowry & Stoddart, 2002  
Amathillopsidae

- Jeanjustia pedra*** Lowry & Myers, 2003
- Ampeliscidae  
*Ampelisca eclimensis* King, Myers & McGrath, 2004
- Ampithoidae  
*Ampithoe rachanoi* Peart, 2002  
*Cymadusa aungtonya* Peart, 2002  
*C. chalongana* Peart, 2002  
*C. ledoyeri* Peart, 2004  
*C. panwa* Peart, 2002  
*C. tattersalli* Peart, 2004
- Anisogammaridae  
*Jesogammarus fujinoi* Tomikawa & Morino, 2003  
*J. mikadoi* Tomikawa, Morino & Mawatari, 2003.  
*J. shonaiensis* Tomikawa & Morino, 2003
- Aoridae  
*Bemlos delicatissima* Myers, 2002  
*Protolembos tegulapodus* Myers, 2002  
*Wombalano rachayai* Myers, 2002
- Caprellidae  
*Caprella edgari* Guerra-Garcia & Takeuchi, 2004  
*C. sabineae* Guerra-Garcia & Garcia-Gomez, 2003  
***Caprelloporema subantarctica*** Guerra-Garcia, 2003  
*Orthoprotella tuberculata* Guerra-Garcia & Takeuchi, 2004  
*Pseudoaeginella campbellensis* Guerra-Garcia, 2003
- Crangonyctidae  
*Crangonyx acicularis* Zhang & Holsinger, 2003  
*C. aka* Zhang & Holsinger, 2003  
*C. baculispina* Zhang & Holsinger, 2003  
*C. barri* Zhang & Holsinger, 2003  
*C. bousfieldi* Zhang & Holsinger, 2003  
*C. caecus* Zhang & Holsinger, 2003  
*C. castellanum* Zhang & Holsinger, 2003  
*C. consimilis* Zhang & Holsinger, 2003  
*C. cooperi* Zhang & Holsinger, 2003  
*C. cornutus* Zhang & Holsinger, 2003  
*C. disjunctus* Zhang & Holsinger, 2003  
*C. fontinalis* Zhang & Holsinger, 2003  
*C. hubrichti* Zhang & Holsinger, 2003  
*C. indianensis* Zhang & Holsinger, 2003  
*C. insolitus* Zhang & Holsinger, 2003  
*C. lewisi* Zhang & Holsinger, 2003  
*C. longicarpus* Zhang & Holsinger, 2003  
*C. longidactylus* Zhang & Holsinger, 2003  
*C. montanus* Zhang & Holsinger, 2003  
*C. ohioensis* Zhang & Holsinger, 2003  
*C. orientalis* Zhang & Holsinger, 2003  
*C. palustris* Zhang & Holsinger, 2003  
*C. specus* Zhang & Holsinger, 2003  
*C. stagnicolous* Zhang & Holsinger, 2003
- Crymostygiidae** Kristjansson & Svavarsson, 2004

- Crymostygius thingvallensis*** Kristjansson & Svavarsson, 2004
- Cyphocarididae  
*Cyphocaris latirama* Hendrycks & Conlan, 2003
- Cystisomatoidea** Zeidler, 2003
- Cystisomatidae  
*Cystisoma gershwiniae* Zeidler, 2003
- Dikwidae  
*Dikwa andresi* Lörz & Coleman, 2003
- Eusiridae  
*Oradarea dawa* Lowry & Myers, 2003  
***Triquetramana*** *brevipalpa* Hendrycks & Conlan, 2003
- Gammaridae  
*Echinogammarus oujdae* Fadil & Dakki, 2003  
*Gammarus aoculus* Hou & Li, 2003  
*G. bakhteyaricus* Khalayi-Pirbalanty & Sari, 2004  
*G. curvativus* Hou & Li, 2003  
*G. decorosus* Meng, Hou & Li, 2003  
*G. electrus* Hou & Li, 2003  
*G. glabratus* Hou & Li, 2003  
*G. lordeganensis* Khalayi-Pirbalanty & Sari, 2004  
*G. ninglangensis* Hou & Li, 2003  
*G. platvoeti* Hou & Li, 2003
- Hadziidae  
*Bahadzia caymanensis* Sawicki & Holsinger, 2004  
*Indoweckelia stocki* Ruffo, Holsinger & Sawicki, 2003
- Hyalellidae  
*Hyalella franciscae* Gonzalez & Watling, 2003  
*H. meraspinosa* Baldinger, 2004  
*H. pauperocovae* Gonzalez & Watling, 2002  
*H. pseudoazteca* Gonzalez & Watling, 2003  
*H. quindioensis* Gonzalez & Watling, 2003
- Hyalidae  
*Hyale kajiharai* Hiwatari, 2003  
*H. latimana* Hiwatari, 2003  
*H. misakiensis* Hiwatari, 2003  
*H. nuda* Hiwatari, 2003  
*H. triangulata* Hiwatari, 2003
- Ingolfiellidae  
*Ingolfiella quokka* Gallego-Martinez & Poore, 2003  
***Paraleleupia*** Vonk & Schram, 2003  
***Protoleupia*** Vonk & Schram, 2003
- Iphimediidae  
*Coboldus mberensis* Lowry & Myers, 2003  
*Iphimedia caledoniana* Lowry & Myers, 2003  
*I. damawan* Lowry & Myers, 2003  
*I. maitrensis* Lowry & Myers, 2003  
*I. mizegwadan* Lowry & Myers, 2003  
*I. phuketensis* Lowry & Myers, 2003  
*I. rachanoi* Lowry & Myers, 2003
- Ischyroceridae

- Cerapus chaomai* Lowry & Berents, 2002  
*C. yuyatalay* Lowry & Berents, 2002  
*Ischyrocerus fractus* King & Holmes, 2004  
*I. minutus* Liljeborg, 1851 (revived) King & Holmes, 2004  
*Neoschyrocerus vidali* Ortiz & Lalana, 2002
- Lysianassidae
- Lepidepecreum andamanense* Lowry & Stoddart, 2002  
*L. hirayamai* Lowry & Stoddart, 2002  
*L. somchaili* Lowry & Stoddart, 2002  
*L. takeuchii* Lowry & Stoddart, 2002
- Melitidae
- Linguimaera*** Pirlot, 1936 (rev. Krapp-Schickel, 2003)  
*L. bogombogo* Krapp-Schickel, 2003  
*L. caesaris* Krapp-Schickel, 2003  
*L. garitima* Krapp-Schickel, 2003  
*L. kellissa* Krapp-Schickel, 2003  
*L. leo* Krapp-Schickel, 2003  
*L. pirloti* Krapp-Schickel, 2003  
*L. tias* Krapp-Schickel, 2003  
*Nuuanu kata* Lowry & Watson, 2002  
*Spathiopus cojimarensis* Ortiz & Lalana, 2002
- Neomegamphopidae
- Konatopus storeyae* Myers, 2002
- Ochlesinae
- Curidia knoxi* Lowry & Myers, 2003  
*C. ramonae* Lowry & Myers, 2003
- Oedicerotidae
- Oedicerina denticulata* Hendrycks & Conlan, 2003
- Pardaliscidae
- Macroarthrus*** *victoriae* Hendrycks & Conlan, 2003  
***Octomana*** *hadromischa* Hendrycks & Conlan, 2003
- Phoxocephalidae
- Metharpinia dentiurosoma* Alonso de Pina, 2003  
*M. grandirama* Alonso de Pina, 2003
- ‘Phreatogammarus group’
- Phreatogammarus waipoua* Chapman, 2003
- Phtisicidae
- Hircella inermis* Guerra-Garcia & Takeuchi, 2004  
*Paraproto tasmaniensis* Guerra-Garcia & Takeuchi, 2004  
*Pseudoproto papua* Guerra-Garcia, 2003
- Scopelocheiridae
- Anisocallisoma*** *armigera* Hendrycks & Conlan, 2003  
*Paracallisoma spinipoda* Hendrycks & Conlan, 2003
- Stegocephalidae
- Andaniopsis isaki* Berge, 2004  
*Glorandaniotes norae* Berge & Vader, 2003  
*G. vemae* Berge & Vader, 2003.  
*Metandania tordi* Berge & Vader, 2003
- Stilipedidae
- Stilipes macquariensis* Berge, 2003

## Talitridae

***Deshayesorchestia*** Ruffo, 2004

*Floresorchestia hanoiensis* Hou & Li, 2003

*Platorchestia bousfieldi* Hou & Li, 2003

***Sardorchestia*** Ruffo, 2004

## Tryphosinae

*Pseudokoroga spongiophila* Lörz & De Broyer, 2004.

## Uristidae

*Schisturella spinirama* Hendrycks & Conlan, 2003

## Valettiidae

*Valettiopsis lincolni* Horton, 2004

*V. longidactyla* Horton, 2004

*V. minuta* Horton, 2004

## Vibiliidae

*Vibilia laticaudata* Zeidler, 2003

*V. thurstoni* Zeidler, 2003

***Vibiliodes (revived)*** Zeidler, 2003